



CORPORATION OF GLASGOW

Health Department

SCHOOL HEALTH SERVICE

REPORT

ON THE

Medical Inspection and Treatment of School Children

FOR THE YEAR ENDED 31st JULY, 1972

*(Reprinted from the Report of the Medical Officer of Health
for the year 1972).*



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PREFACE

This report on the work of the School Health Service is for the year ended 31st July, 1972 and is the 63rd Annual Report since school medical inspections were introduced in Glasgow in 1909.

Staffing difficulties remained and while the problem of medical staffing has been reported regularly over the past few years, it was worsened this year with the introduction of the Education (Milk) Act, 1971 and the need to examine 28,000 children over 7 years old

The Nursing and Speech Therapy Departments also presented staffing problems.

Routine Medical Inspection of 5, 13 and 16 year old children continued as before. The numbers examined were down from the previous year, but the percentage with defects increased: the year saw the introduction of Social Class 6 to the statistical tables and this covered, among others, children of housewives and "not known".

Hearing Investigation was prominent with the numbers sweep tested showing a considerable increase from the previous year as the work of the Audiometric Survey Unit continued to expand.

The Chief Dental Officer reports on arrangements made for the treatment of handicapped children and also shows that the number of children treated by School Dental Officers has increased over the past few years.

T. S. WILSON
Medical Officer of Health.

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SECTION III

SCHOOL HEALTH SERVICE

GENERAL INTRODUCTION

This is the 63rd Annual Report of the School Health Service. The efficacy of the Service is now being seriously impaired by the problem of staffing.

In the recent report of the Department of Education and Science, Dr. T. K. Whitmore, a senior medical officer of the Department proposes that school medical officers should hold regular sessions at schools so that pupils could make personal appointments. This would be in addition to the availability of the school doctor to give regular advice to parent and teacher. In Glasgow we have always organised our time-table on a pattern of regular visits to our educational establishments on a periodicity, varying from twice a week to four weekly depending on the size and requirements of the school.

This design of time-table covers the routine work, the "at risk" follow-up and also makes time for non-routine consultative requirements. However, the value of this depends on continuity of personnel as well as knowledge and understanding on the part of medical staff of the provisions they have at their disposal. Medical Officers, working as so many do, two mornings a week, fail to acquire such knowledge. The value of in-service training is lost where, with almost the entire staff turning over, few people remain with sufficient knowledge of the entirety of the Service to enable them to train others.

The requirement made locally on the passing of the Education (Milk) Act, 1971, that all children between the ages of 7-12 years should be specifically examined with a view to the recommendation of provision of milk in school on the grounds of ill health, made serious in-roads on the time, goodwill and enthusiasm of staff. In the event some 30,000 pupils were examined, 27.6 per cent of these were recommended to be given free school milk.

With staff directed to this work, there has been a failure to cover the basic work of the Service. The numbers examined in all other sections from routine medical inspection to cleanliness inspections show a drop.

The visits of hospital consultants to our School Health Clinics, continue to be highly valued, but the changing pattern of school health staff means that less use is made of certain aspects of this clinic system than there should be. Of the consultant team, the Ophthalmologists have diminished in number and availability with the result that vision screening has had to be curtailed as numbers awaiting testing built up beyond the point of manageability.

The service is based on the child found to have visual defect being examined and refracted at the School Health Clinic by an Ophthalmologist who prescribes glasses, later selected from the visiting optician, and who arranges for follow-up of the child through the school years at suitable intervals, thus ensuring that no child needs to wear inadequate or ill-fitting glasses.

The accompanying tables tend to reflect the general malaise of the population of the area. Social Class 6 has been introduced to cover among others children of housewives, Armed Forces and "not known". Approximately 5,000 children are seen to be in this group.

The totals for defects discovered in the all-over reduced number of those routinely examined, have increased. There has been a slight increase in children noted as being underweight compared with last year, but the figure for obesity has risen from 1.5 per cent to 2.1 per cent, indicating unsatisfactory diet.

In the entrants there has been an increase in children found to be suffering from Bronchitis. While Scabies is still being recorded, the numbers are fewer than last year, but the state of head infestation with *Pediculus* still shows cause for concern.

The figures for remediability of defects as affected by the size of the house, the relation of inmates to apartments or the effect of overcrowding and type of occupancy do not yield conclusive results, but in Table 14, the average heights and weights related to apartments indicates with one or two exceptions the more apartments the higher the height and weight. Compared, however, with the rest of Scotland, Glasgow figures are below the average. In boys and girls, both entrants and leavers, the height of the Glasgow pupils is the lowest in Scotland.

Immunisation campaigns have continued and the numbers of those completed for Diphtheria, Tetanus and Poliomyelitis have slightly increased compared with last year.

Despite this the failure of parental interest as shown by the number of parents present at the routine medical visits, affecting particularly the 13 and 16-year-olds where these groups are now so much at risk, is a matter to be deplored.

This parental apathy is also seen in disinterest in taking advantage of the very wide Residential School provision. The experience of such a stay both provides an educational experience and an impetus to improving health at no cost to the parent and yet considerable effort is made by both teachers and medical staff to interest enough parents to keep the schools viable. Our own holiday camp at Seafield held for underprivileged children during 6 weeks of July and August eventually provided for 153 children, but even this number was gathered together with difficulty.

The number of children examined for holiday camps and educational excursions has shown a marked fall being 2,290 down on last year, which was already 800 down on the previous year.

The School Meals Service continued to give assistance in providing increasing requests for diets. Seventy-six special diets were recommended mainly for coeliac disease, diabetes and obesity.

The numbers of teachers submitting to chest X-ray as part of the Teachers' Sick Pay Scheme has fallen from 2,774 to 1,860, but this can be accounted for by the change to three-yearly X-ray for those not requiring more frequent observation, than to any fall in the number taking part in the Scheme.

Pupil enthusiasm for the Service in Hospital Scheme continues. This appeals particularly to the girls. Although various aspects of hospital service were made available to the boys, only a few have ever participated. Many of the girls, on the other hand, are willing to give up school holidays when they are permitted to attend on these days at the hospital to which they have been allocated. Much of the success of this Scheme continuing so well is due to the interest of the Adviser in Home Economics, senior teachers and the personal interest taken in the pupils by hospital nursing staff.

Without thoughts of the impending National Health Service integration, it is a pleasure to acknowledge the ever-increasing contact with hospital staff and family doctors. There is a progressively increasing understanding of the aims of the School Health Service among colleagues showing itself by sharing of knowledge and assistance with goodwill, all directed towards helping the child and parent,

The Service continues to take its place in lecturing both in formal teaching and in general talks to the public. Various items of research are carried out. For the last 10 years the Audiology Unit staff together with members of the Regional Virus Laboratory and the University Department of Infectious Diseases, followed up those children who had been treated for meningitis and encephalitis associated with mumps. The findings have now been published in the Archives of Diseases of Childhood.

All of this gives great personal pleasure and I wish to record my gratitude to these medical colleagues. My thanks are due to the Director of Education, all members of his staff including the staffs of so many educational establishments who show such patience and goodwill when we are unable to meet their requirements and have to evolve some makeshift arrangements.

Much of the work of the Service is being carried by a few dedicated people prepared to do vastly more than their share: to them I am grateful as well as to the many part-time members who give of their best despite the scant training they receive in the work of the Service.

I thank the Convener and Members of the Education Committee.

To Mr. Sloan, our Chief Administrative Officer, for his care and interest in all aspects of the Service and for his work in collecting and compiling the contents of this Report, I express my sincere thanks and appreciation.

MAUD P. MENZIES, M.B., CH. B., F.F.C.M., D.P.H., D.P.A., D.H.E., M. ST.J.,

LIST OF STAFF AT 31st JULY, 1972

(a) Whole-Time Staff :—

Principal Medical Officer; 2 Assistant Principal Medical Officers; 4 Senior Clinical Medical Officers; 12 School Medical Officers ⁽¹⁾; 1 Chief Dental Officer; 1 Assistant Chief Dental Officer ⁽²⁾; 1 Senior Dental Officer ⁽³⁾; and 19 School Dental Officers ⁽⁴⁾; 1 Superintendent School Health Visitor; 37 Health Visitors and 48 Nurses ⁽⁵⁾; 8 Speech Therapists ⁽⁶⁾; 1 Occupational Therapist ⁽⁷⁾; 1 Superintendent Physiotherapist and 11 Physiotherapists (including 4 Physical Education Teachers seconded to Orthopaedic Clinics) ⁽⁸⁾; 5 Audiology Technicians; 4 Dental Technicians; 5 Dental Auxiliaries ⁽⁹⁾; 28 Dental Surgery Assistants ⁽¹⁰⁾; 1 Dispensing Optician (seconded by Western Regional Hospital Board); and 1 Assistant Administrative Officer and 26 Office Staff ⁽¹¹⁾.

⁽¹⁾ *Drs. Charles B. Suckling, Carolyn Steven, Sheina Hepworth and William Wilkie were appointed respectively 2.8.71, 1.10.71, 15.11.71 and 4.4.72. Dr. I. D. Suckling was transferred to Divisional post 10.1.72. Drs. A. Murray and T. W. Gemmell retired 2.10.71 and 15.4.72 respectively. Drs. A. Rowbotham and C. Steven left 9.10.71 and 18.12.71 respectively.*

⁽²⁾ *Mr. Dugald Campbell was appointed Assistant Chief Dental Officer 20.9.71.*

⁽³⁾ *Mr. Laurie S. Campbell was appointed Senior Dental Officer 20.9.71.*

⁽⁴⁾ *Mr. John L. Duthie and Mr. Alastair Anderson were appointed 15.11.71 and 17.4.72 respectively. Mrs. M. E. Mitchell left full-time post 26.6.72 and became part-time. Mr. A. McCully retired 28.7.71. Mr. A. P. Gunners and Mr. C. Delaney left 2.10.71 and 22.1.72 respectively.*

⁽⁵⁾ *3 Health Visitors were appointed during the year and 3 left. 6 Public Health Nurses were appointed and 7 left.*

⁽⁶⁾ *4 Speech Therapists were appointed (including a Principal), 5 left and 1 transferred to part-time.*

⁽⁷⁾ *1 Occupational Therapist was appointed and 1 left.*

⁽⁸⁾ *1 Physiotherapist left.*

⁽⁹⁾ *1 Dental Auxiliary was appointed and 2 left.*

⁽¹⁰⁾ *12 Dental Surgery Assistants were appointed and 13 left.*

⁽¹¹⁾ *9 Office Staff were appointed and 9 left.*

(b) **Part-time Staff—**

- (i) Paid by Glasgow Corporation, 27 School Medical Officers (whole time equivalent, 5); 5 Dental Officers (whole-time equivalent, 2); 5 Anaesthetists; 1 Orthodontist; 2 Health Visitors (whole time equivalent, 1); 2 Public Health Nurses (whole time equivalent, 1); 5 Speech Therapists (whole time equivalent, 2½); 2 Dental Surgery Assistants (whole time equivalent, 1).
- (ii) Seconded by arrangement with Western Regional Hospital Board, 19 Consultants (8 Oculists, 6 Aurists, 1 Cardiologist, 1 Dermatologist, 1 Neurologist, 1 Orthopaedic Surgeon and 1 Anaesthetist).

Local doctors and dentists undertook emergency duties at the residential schools on behalf of the Education Department and at Kerelaw and Balrossie List D Establishments on behalf of the Social Work Department in accordance with separate arrangements made with the Local Executive Council.

GENERAL STATISTICS

Area of City in Acres	...	...	...	...	...	...	...	39,725
Population of the Area	...	...	...	...	...	...	...	893,790
School Population	...	...	...	...	...	...	...	168,664
Density of Population per acre		...	...	...	...	...	...	22
<i>Number of Schools—</i>										
(a) Primary	...	...	...	...	...	...	...	217
(b) Secondary	...	...	...	...	...	...	...	59
(c) Schools for Handicapped Children			...	...	...	...	...	25
(d) Occupational Centres			...	...	...	...	...	11
(e) Residential Schools	...	...	...	...	...	...	...	13
(f) Nursery Schools	...	...	...	...	...	...	...	56
(g) Hospital Schools	...	...	...	...	...	...	...	8
(h) Day Centres (Maladjusted children)					...	...	...	2
(i) Gardening Schools	...	...	...	...	...	...	...	1
Total Schools under Education Authority								392
(j) Schools in receipt of grant and under medical inspection								10		
										402

SANITARY CONDITIONS OF SCHOOLS

During the Session, 67 visits were paid to 66 schools for the purpose of general inspection. In the same period, 14 visits were paid to 14 kitchens and dining halls where meals for school children were prepared and served.

ORGANISATION AND ADMINISTRATION

SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT

Inspection

Routine Medical Inspection in ordinary schools was given to Entrants—Infants—and those born in 1958 and 1955; doctor/health visitor team tested, for vision only, those born in 1962. In addition, Routine Medical Inspection was carried out in schools and classes for handicapped children.

Other arrangements were broadly similar to those in the previous year.

Treatment

A list of the school clinics and services given were as follows :—

CLINIC	Skin, Eye, Ear and other minor diseases	Refraction	Dental	Special Skin	Ultra-violet ray	Orthopaedic	Scabies Baths
80/90 Kinfauns Drive, G15 7TS	1	1	2	—	—	1	—
18 Plean Street, G14 0YH	1	—	1	—	—	—	—
4 Sandy Road, G11 6HE	1	1	1	—	—	—	—
130 William Street, G3 8UR	1	—	1	1	—	—	—
91 Denmark Street, G22 5EW	1	1	2	—	—	—	—
Hyde Park School, G21 4SF	1	1	1	—	—	—	—
15 Glenbarr Street, G21 2NW	1	1	3	—	1	1	1
60 Avenuepark Street, G20 8LW	1	1	1	—	—	1	—
40 Grovepark Street, G20 7PF	1	1	1	—	—	—	—
2 Lochdochart Road, G34 0PZ	1	—	—	—	—	—	—
5 Craiglockhart Street, G33 5ED	1	—	—	—	—	—	—
74 Wellhouse Crescent, G33 4IU	1	1	1	—	—	—	—
155 Crail Street, G31 5RB	1	1	2	—	—	—	—
23 Acorn Street, G40 4AN	1	1	2	—	—	—	—
22 Arnprior Quadrant, G45 9EY	1	1	—	—	—	—	—
71 Dougrie Drive, G45 9AD	—	—	1	—	—	—	—
Ashtree Road, G43 1RP	1	1	2	—	—	1	—
Calder Street School, G42 7NH	—	—	1	—	—	—	—
26 Florence Street, G5 0YZ	1	1	2	—	1	1	1
Netherplace Road, G53 5AJ	1	1	2	—	—	—	—
74 Berryknowes Road, G52 2TT	1	—	—	—	—	—	—
Fairfield School, G51 3PD	—	—	1	—	—	—	—
St. Anthony's School, G51 3BA	1	—	—	—	—	—	—
29 Govan Road, G51 1HX	1	1	1	—	—	—	—

Two mobile dental units were functioning during the Session—No. 1 Unit at Castlemilk and No. 2 at Easterhouse.

Other treatment facilities provided were as before.

HOLIDAY CAMP FOR UNDERPRIVILEGED

During six weeks in July and August, 1972, arrangements were again made for children suffering from otorrhoea, epilepsy, enuresis, ped. cap. and other incapacitating conditions associated with underprivilege which would prevent their going to other camps, to spend a holiday in Seafield Residential School, Ardrossan. The numbers accommodated were : from 3rd to 14th July, 30 boys and 18 girls ; from 18th to 28th July, 26 boys and 22 girls ; from 31st July to 11th August, 26 boys and 31 girls—a total of 153 children for the complete period of six weeks.

MEDICAL EXAMINATION OF SCHOOL MEALS STAFF

This Scheme was instituted in 1949, applicants for posts being medically examined beforehand, employees being examined annually.

				Numbers		Numbers Found		Number
				Summoned	Attended	Fit	Unfit	Deferred
<i>New Cases—</i>								
Full-time	...	...	534	400	367	30	3	
Part-time	...	...	255	185	173	9	3	
<i>Old Cases—</i>								
Routine Examination			138	103	102	1	—	
				<u>927</u>	<u>688</u>	<u>642</u>	<u>40</u>	<u>6</u>

CO-OPERATION WITH OTHER OUTSIDE AGENCIES

By arrangement with Professor Hutchison of the Royal Hospital for Sick Children, 29 D.C.H. students visited several nursery schools and school clinics.

School clinics referred to hospital 216 cases (148 boys and 68 girls), the ailments from which they suffered being as follows :—

				Boys		Girls
Skin—						
Wounds, etc. (minor injuries)	...	...	...	52		13
Fractures	...	...	...	9		5
Other skin conditions	...	...	...	59		31
General	...	...	...	11		8
Eye	...	...	...	13		9
Ear, Nose and Throat	...	...	...	4		2
				<u>148</u>		<u>68</u>

During June and July, 31 children were summoned to school clinics for preliminary medical examination, prior to going on holidays organised by the W.R.V.S. Fourteen children attended and were all passed "fit".

MEDICAL TREATMENT

(A) MINOR AILMENTS

Throughout the treatment tables, "Single Visit Cases" includes those treated and disposed of at first visit, cases not for treatment and cases without apparent disease.

(1) CUTS, BRUISES, SPRAINS, MINOR INJURIES, ETC. :

<i>Details of new cases—</i>	Boys	Girls	Total
Cuts, bruises, sprains, etc. ...	3,119	2,215	5,334
Burns and scalds	213	168	381
	<u>3,332</u>	<u>2,383</u>	<u>5,715</u>

The attendances are included with those for skin conditions (page 6).

(2a) DISEASES OF THE EAR :

EXAMINED ONLY—	Boys	Girls	Total
Recommended operation for tonsils and/or adenoids ...	65	53	118
Other operations recommended	17	10	27
Referred to hospital	15	10	25
Single visit cases	191	190	381
Totals	<u>288</u>	<u>263</u>	<u>551</u>
TREATMENT AT CLINICS—			
<i>Details of new cases—</i>	Boys	Girls	Total
Chronic suppurative inflammation (Otorrhoea)—single ...	56	58	114
double	5	5	10
Results of above diseases ...	3	3	6
Retracted membrane	4	1	5
Chronic aural catarrh	33	22	55
Ceruminous collection (wax)	263	287	550
Nasal catarrh	36	16	52
Laryngitis	—	3	3
Polypus	2	1	3
Other diseases	143	124	267
	<u>545</u>	<u>520</u>	<u>1,065</u>
Cases from previous session ...	333	302	635
Totals	<u>878</u>	<u>822</u>	<u>1,700</u>
Clinic attendances of above cases	<u>4,470</u>	<u>3,817</u>	<u>8,287</u>

EXAMINATIONS BY SPECIALISTS—

Cases, to the number of 1,205 (673 boys and 532 girls), were summoned to school clinics for examinations by aurists. Of that total, 291 (166 boys and 125 girls) failed to attend, the remainder being dealt with as under :

<i>At school clinics—</i>	Boys	Girls	Total
Recommended operation for tonsils and/or adenoids ...	85	78	163
Other operations recommended	19	17	36
Referred to hospital	53	42	95
For X-ray	29	31	60
For Audiogram	54	34	88
For Hearing Aid	1	1	2
Other recommendations and treatments	266	204	470
	<u>507</u>	<u>407</u>	<u>914</u>

AUDIOMETRIC EAR CASES—

Cases attending ear clinics were referred for audiograms and for examination by the specialist or medical officers attached to ear clinics, with the following results :—

Summoned, 171 (89 boys and 82 girls) ; attended, 95 (48 boys and 47 girls) ;

Recommendations included audiogram, 50 ; front seat, 11 ; lip-reading, 5 ; hearing-aid, 5 ; E.N.T. Specialist, 2 ; tonsil/adenoids operation 7.

X-RAY EXAMINATIONS—

Cases, which included some children from the audiometric surveys, were X-rayed in Stobhill Hospital and at Florence Street Chest Clinic, on the recommendation of the specialists, with the results as shown. A few were X-rayed for more than one condition.

	Positive		Negative		Totals		
	Boys	Girls	Boys	Girls	Boys	Girls	Total
Sinuses	18	12	4	2	22	14	36
Mastoids	5	6	2	1	7	7	14
Mastoids and sinuses ...	—	2	—	1	—	3	3
Sinuses and chest ...	—	1	—	—	—	1	1
Sinuses and Post-Nasal Space	—	—	1	—	1	—	1
Total Examinations	<u>23</u>	<u>21</u>	<u>7</u>	<u>4</u>	<u>30</u>	<u>25</u>	<u>55</u>

(2b) DEFECTIVE HEARING :

During the year ended 31st July, 1972, the work done in connection with cases of defective hearing was as follows :—

Classification—Pupils to the number of 661 (398 boys and 263 girls) were summoned with a view to grading as regards special education and, of that total, 407 (243 boys and 164 girls) attended, 3 being graded for deaf classes and 1 for partly deaf classes. The specialist also made the following recommendations :

Audiogram, 7 ; clinic treatment and audiogram, 13 ; hearing aid, 17 ; hospital treatment, 10 ; front seat in class, 33 ; lip reading, 14 ; tonsil/adenoid operations, 41 ; speech therapy, 14 ; psychometric tests 5 ; other recommendations, 25.

Hearing Aids—26 children (11 boys and 15 girls) had hearing aids recommended and supplied. Proprietary aids were recommended by the specialist for 3 boys and 2 girls.

Audiograms—823 (434 boys and 389 girls) were tested by audiogram at Florence Street Audiometric Clinic.

(3) DISEASES OF THE EYE, EXCLUDING DEFECTIVE VISION :

	Boys	Girls	Total
<i>Details of new cases—</i>			
Blepharitis	413	375	788
Hordeolum (Stye)	119	161	280
Conjunctivitis, catarrhal ...	50	34	84
Conjunctivitis, muco-purulent	4	3	7
Corneal ulcers	1	—	1
Epiphora	—	1	1
Injuries	46	23	69
Other diseases	46	31	77
Single visit cases	151	156	307
	830	784	1,614
Cases from previous session ...	20	15	35
	850	799	1,649
	2,593	2,338	4,931

(4a) DISEASES OF SKIN, EXCLUDING RINGWORM AND FAVUS :

	Boys	Girls	Total
Scabies	493	465	958
Pediculosis capitis	85	124	209
Impetigo Contagiosa	688	584	1,272
Pod, Cap. and Imp. Cont.	77	102	179
Ecthyma	7	15	22
Dermatitis seborrhoeica	22	62	84
Eczema	50	64	114
Alopecia areata	7	6	13
Psoriasis	6	9	15
Herpes zoster (shingles)	16	20	36
Lupus	—	2	2
Ulcers and abscesses	325	259	584
Urticaria	398	531	929
Warts	936	983	1,919
Other skin diseases	489	559	1,048
Single visit cases	2,345	2,196	4,541
	<hr/>	<hr/>	<hr/>
Cases from previous session	5,944	5,981	11,925
	285	301	586
	<hr/>	<hr/>	<hr/>
Totals	6,229	6,282	12,511
	<hr/>	<hr/>	<hr/>
Clinic attendances of above and ringworm cases	48,779	48,454	97,233
<i>Special Cleansing Clinics</i> —	New cases, 2,242 ;	Attendances, 7,048	

(4b) SPECIAL SKIN CLINIC :

	Boys	Girls	Total
New cases	10	13	23
Attendances	127	253	380

(4c) BATH TREATMENT OF SCABIES :

	Boys	Girls	Total
Cases receiving baths	377	351	728
Baths given	1,286	1,337	2,623

(B) DEFECTIVE VISION

(a) CASES DEALT WITH AT REFRACTION CLINICS :

	Boys	Girls	Total
Subjected to refraction—			
Spectacles prescribed	1,904	1,690	3,594*
Spectacles not prescribed—			
For further treatment ... ..	...	...	2,369
No treatment required ... ..	...	...	761
			<hr/>
			6,724
			<hr/>
Not subject to refraction—			
For further treatment ... ..	...	...	294
No treatment required ... ..	...	...	172
Postponed ... ..	...	...	448
			<hr/>
			914
			<hr/>
Total number dealt with at refraction clinics			7,638
Number of clinics held			901
Average number of children per clinic			8.09
Average number subjected to refraction at each clinic			7.30

* See opposite.

At school clinics, 54 new occlusion cases were put on treatment while additional 379 children were kept under observation. The number of children referred to hospital for further treatment was 330 and a further 442 were put off treatment.

At the end of the school session, approximately 9,386 children were awaiting refraction, distributed as follows :—

New cases, 1,491 ; “failed to attend,” 6,542 ; retests, 1,353

*Classification of refraction errors was as follows :—

Hypermetropia			Myopia		Anisopia	Total
H.	H.A.	M.	M.A.	M.xA.		
792	1,286	672	319	496	29	3,594

(b) PROVISION OF SPECTACLES :

New cases were supplied with spectacles under the Scheme to the total of 3,423. The nickel type was provided in 498 instances free of charge and the cellulose acetate in 2,925 instances on payment by each parent of a contribution towards the cost.

Replacements and repairs totalled 869, the details being as follows :—New lenses, 159 ; replaced lenses, 190 ; frames, sides, etc., 520 (nickel, 133, cellulose acetate, 387). A contribution towards the cost of replacement or repairs was made by the parent in 318 instances. The other 46 children had minor repairs done to the cellulose acetate type without the necessity of asking the parent to pay anything.

(c) KEYSTONE VISION CASES DEALT WITH AT REFRACTION CLINICS :

Included in the figures in (a) on previous page are 454 cases which emanated from the testing of children’s vision in schools by the Keystone apparatus. Of these, 408 were subjected to refraction, 291* (156 boys and 135 girls) of these having glasses prescribed, whilst 72 were referred for further treatment and 45 were considered as not requiring treatment. The remainder, 46, were not subjected to refraction and were noted ; “for further treatment”, 8 ; “no treatment required”, 12 ; and “postponed”, 26.

*Classification of refraction errors was as follows :—

Hypermetropia			Myopia		Anisopia	Total
H.	H.A.	M.	M.A.	M.xA.		
85	133	14	18	41	—	291

At the end of the school year, 968 children were awaiting refraction :

New cases, 494 ; “failed to attend,” 474

The results of Keystone screening in schools are given on Page 87.

(d) CONSULTANT AT KELVIN SCHOOL :

Dr. William Wilson, Consultant Ophthalmologist, attended Kelvin School during the year on 3 occasions and the treatment was as follows :

	Boys	Girls	Total
<i>Subjected to refraction—</i>			
Spectacles prescribed ...	6	5	11*

*Classification of refraction errors was as follows :—

Hypermetropia			Myopia		Anisopia	Total
H.	H.A.	M.	M.A.	M.xA.		
2	2	2	3	2	—	11

(C) EAR, NOSE AND THROAT OPERATIVE TREATMENT

(i) TONSILS/ADENOIDS OPERATIONS PERFORMED

The table below shows the number of operations for removal of tonsils and/or adenoids performed in the several hospitals during 1971-72.

	Boys	Girls	Total
Mearns Kirk Hospital	53	41	94
Ear, Nose and Throat	72	43	115
	<u>125</u>	<u>84</u>	<u>209</u>
Clinic (including Hospital) attendances ... ..	...	...	<u>299</u>

Other forms of treatment were also given to children receiving tonsils and adenoids operations and a few patients were detained in hospital for more than the normal period before or after operations for medical reasons.

All children were instructed to report to the school clinic two weeks after discharge from hospital, for post-operative examination.

The numbers on the waiting list at 31st July, 1972, totalled 659 (410 boys and 249 girls).

(ii) OTHER EAR, NOSE AND THROAT OPERATIONS—

In addition to those treated for tonsils and/or adenoids, children, to the number of 100 (61 boys and 39 girls), were admitted to Mearns Kirk and Ear, Nose and Throat Hospitals during the year for operative and other treatment of various ear, nose and throat conditions. Some of the patients were treated for more than one defect.

(D) ORTHOPAEDIC AND POSTURAL DEFECTS

The following are the statistics relating to the treatment of deformities at the five centres :—

	Boys	Girls	Total
Number of children examined by			
School Medical Officers ...	479	474	953
Orthopaedic Surgeon ...	792	739	1,531
Number of attendances of " old cases " reporting for observation	896	808	1,704

The staff of physiotherapists carried out treatment for the following cases :—

<i>Details of new cases put on treatment at Clinics—</i>	Boys	Girls	Totals
Deformities of spine (kyphosis, lordosis, scoliosis) ...	121	113	234
Paralysis, infantile and other	27	24	51
Flat-foot and other deformities of the foot ...	169	215	384
Wry-neck (torticollis) ...	2	—	2
Deformities of chest ...	106	36	142
Knock-knees ...	71	82	153
Fractures and Sprains ...	1	1	2
Others ...	21	16	37
	<hr/>	<hr/>	<hr/>
Cases from previous session ...	518	487	1,005
	257	205	462
	<hr/>	<hr/>	<hr/>
Totals ...	775	692	1,467
	<hr/>	<hr/>	<hr/>

<i>Discharged from Orthopaedic Clinic—</i>			
Fit ...	375	387	762
For Hospital treatment ...	—	—	—
Convalescent ...	—	—	—
Transferred to other clinic or treated by appliances ...	22	15	37
For other reasons (leaving school, improved, etc.) ...	104	95	199
	<hr/>	<hr/>	<hr/>
Totals ...	501	497	998
	<hr/>	<hr/>	<hr/>
Number still on treatment ...	205	137	342
Number of attendances made by children for treatment ...	8,135	7,409	15,544

DEFORMITIES TREATED IN SPASTIC UNIT :

Treatment provided in the two departments was as follows :—

	No. of cases treated			No. of treatments		
	Boys	Girls	Total	Boys	Girls	Total
Physiotherapy ...	35	17	52	6,600	2,440	9,040
Occupational therapy	35	17	52	4,597	2,711	7,308

Of the nine children discharged during the year, three boys reached leaving age, two boys went to Physically Handicapped Schools and two boys and one girl were transferred. One boy was excluded under Section 66C of Education (Scotland) Act.

There were six admissions during the session.

(E) OTHER DISEASE

(a) CASES DEALT WITH AT THE REGULAR CLINIC FOR "GENERAL" DISEASES—

<i>Details of new cases—</i>	Boys	Girls	Total
Bronchitis and bronchial catarrh	146	136	282
Anaemia and/or debility ...	901	971	1,872
Rickets	2	9	11
Tubercular conditions—			
Pulmonary (including contacts)	—	—	—
Non-pulmonary	8	1	9
Paralysis	1	1	2
Heart disease	12	20	32
Chorea	1	6	7
Enlarged tonsils and/or adenoids	57	55	112
Adenitis	4	2	6
Rheumatism	5	4	9
Enuresis	644	614	1,258
Malnutrition	16	25	41
Epilepsy	5	13	18
Digestive disorders	51	103	154
Infectious diseases	3	6	9
Mental deficiency	1	—	1
Nervous disorders	54	48	102
Others	432	396	828
Single visit cases	2,306	2,148	4,454
	<hr/> 4,649	<hr/> 4,558	<hr/> 9,207
Clinic attendances of above cases	7,632	7,350	14,982

(b) SUPPLY OF MEDICINES :

<i>Details of new cases seen elsewhere than at "General" Clinics—</i>	Boys	Girls	Total
Sent from school inspection for immediate supply	114	91	205
Sent from skin, eye and ear clinics	1,579	1,678	3,257
Additional attendances at "General" Clinics for medicine	1,976	2,073	4,049
Totals	<hr/> 3,669	<hr/> 3,842	<hr/> 7,511

(c) ARTIFICIAL LIGHT TREATMENT—

				Boys	Girls	Total
<i>Details of new cases—</i>						
Anaemia and/or debility	...			79	104	183
Chronic bronchitis	...	...		45	25	70
E.N.T. conditions	...	...		2	—	2
Skin conditions	...	...		22	6	28
Rickets	...	...	...	1	—	1
Rheumatism	...	...	...	—	1	1
Totals				149	136	285
Clinic attendances of above cases				2,491	2,717	5,208

(d) CASES SEEN AT CARDIAC CLINIC—

Dr. A. S. Rogen, the Heart Specialist from Stobhill Hospital, again attended school clinics for the purpose of examining school children specially referred by School Medical Officers and recommended any necessary treatment. During the Session, 458 children (229 boys and 229 girls) were summoned, of whom 125 (64 boys and 61 girls) failed to attend. The remainder reported as follows :—

New cases		Re-examinations		Totals	
Boys	Girls	Boys	Girls	Boys	Girls
86	80	79	88	165	168

The Specialist referred 8 children (3 boys and 5 girls) for further investigation at the Cardiology Clinic or for admission to Stobhill Hospital, where some were operated on for the treatment of certain forms of congenital heart disease. Electro-cardiograms were carried out at the school clinics for 53 boys and 56 girls. In addition, 2 boys and 1 girl were referred to the E.N.T. Specialist.

During the year, the children interviewed at special clinics and assessed, as regards capability for suitable employment, were as shown below :—

June, 1972, 2.

Since the commencement of the assessment scheme in June, 1950, 485 children in all have been interviewed at these special clinics.

(e) CASES SEEN AT NEUROLOGY CLINICS—

Dr. I. Draper, Neurology Specialist from the Southern General Hospital, attended Woodside School Clinic for the purpose of examining children specially referred by School Medical Officers and recommending any necessary treatment.

During the Session, 198 children (126 boys and 72 girls) were summoned, of whom 45 boys and 28 girls failed to attend. The remainder reported as follows :—

New cases		Re-examinations		Totals	
Boys	Girls	Boys	Girls	Boys	Girls
39	24	42	20	81	44
				Boys	Girls
Results were :					
Not to return				23	14
To be reviewed later				57	29
<i>Recommendations—</i>					
For E.E.G.				28	12
For I.Q. Test				1	1
Refer to Southern General Hospital ...				3	2
For Change of Medicine				20	8
For Referral to Child Guidance Clinic ...				1	—

(F) TREATMENT AT SPECIAL SCHOOLS

The total treatment given by nurses were as follows :—

	Boys	Girls	Total
Ear conditions	1,214	1,529	2,743
External eye defects	1,288	1,477	2,765
Skin diseases	13,785	12,773	26,558
Uncleanliness (nits, vermin, etc.)	18,875	20,072	38,947
Medicines issued	22,175	18,796	40,971

SPECIAL SCHOOLS AND CLASSES AND RESIDENTIAL SCHOOLS

(a) HANDICAPPED CHILDREN

Educational provision was made, as follows, in schools for handicapped children under the management of the Corporation :—

- (1) *Mentally handicapped*—20 Day Schools, 2 Residential Schools and 11 Occupational Centres.
- (2) *Physically handicapped*—9 Day Schools, 9 Hospital Schools and a Scheme of Home Tuition. (One Day School made provision for spastic children and aphasic children between the ages of 2 and 16 years.)
- (3) *Defective Vision*—1 Day/Boarding School for blind children and 1 Day School for the partially sighted. The former serves the whole of Scotland and Northern Ireland and accommodates Roman Catholic children. (Protestant Blind children attend the Royal Blind School, Edinburgh.)
- (4) *Defective hearing*—1 Day School and 1 Day/Boarding School for the partially hearing and 2 Day/Boarding Schools for the Deaf. In addition, teachers from the Speech Reading Unit visit ordinary schools to give speech-reading instruction and auditory training to pupils not sufficiently deaf to require education by deaf methods. (Two teachers are also allocated to the Audiology Unit administered by Health Department (Maternity and Child Health Section) where the hearing of young children under school age is investigated.)

The age range for spastic children, blind children and those suffering from defective hearing is 2 to 16+ years.

At 30th June, 1972, the number of children receiving special educational treatment in special schools administered by the Corporation was as follows ;—

Physically handicapped children, 259 (including 53 in school for spasties) ; children with hearing defects, 213 ; children with defects of vision, 105 ; mentally handicapped (educable) children, 3,156 ; mentally handicapped (trainable) children 428 ; total 4,161.

HOSPITAL SCHOOLS

The following is a list of the Hospital schools with the number of pupils receiving tuition at 30th June, 1972.

Drumchapel Home (39) ; Eastern District (5) ; Mearns Kirk Hospital (17) ; Victoria Auxiliary Infirmary, Philipshill (21) ; Royal Hospital for Sick Children (52) ; Stobhill Hospital together with annexe at the Royal Infirmary (Burns Unit) (64) ; Strathblane Home (15) ; and Psychiatric Day Unit (Royal Hospital for Sick Children) (15).

ASCERTAINMENT OF MENTAL HANDICAP—

The number of children specially examined by School Medical Officers during the year, regarding *mental defects* was as follows :—

			Boys	Girls	Total
First examinations	...	...	334	212	546
Re-examinations	...	...	765	607	1,372
			<u>1,099</u>	<u>819</u>	<u>1,918</u>

Provision for After-Care of Mentally Handicapped Pupils over School Leaving Age was continued by the Social Work Department.

OTHER DETAILS ARE :—

- (i) Number of boys/girls suspected of mental handicap and referred for examination under Section 66A of the Education (Scotland) Act, 1969; Boys, 334 ; girls, 212 ; total, 546.
- (ii) Number of boys/girls ascertained as mentally handicapped and transferred to special schools or classes. Boys, 260 ; Girls, 167 ; total, 427.
- (iii) Number of boys/girls ascertained as mentally handicapped and transferred to junior occupational centres. Boys, 35 ; Girls, 23 ; Total, 58.
- (iv) Number of boys/girls who were the subject of a report under Section 66B of the Education (Scotland) Act, 1969. Boys, 9 ; Girls, 8 ; Total, 17.

HOME TUITION SCHEME

At 30th June, 1972, the number of children participating in the Scheme was 19 and the main causes of incapacity were :—

Spina bifida, 2 ; ossium fragilitas, 2 ; asthma, 1 ; cystic fibrosis, 1 ; tuberculosis, 2 : miscellaneous, 10.

In addition to the foregoing provision, Glasgow children, in need of specialised care and attention, were accommodated and educated at the following Centres, not under the management of the Corporation—

Coltness House, Wishaw—3 physically handicapped children requiring residential education.

Craigerne School, Peebles—1 maladjusted pupil (primary age.)

Harmony House School, Balerno, Midlothian—4 maladjusted pupils (primary age).

Lendrick Muir School, Rumbling Bridge, Perthshire—5 maladjusted pupils (secondary age).

The Mary Hare Grammar School, Newbury, Berks—1 Roman Catholic deaf girl taking courses leading to the Certificate of Education.

Trefoil School, Hermiston—2 severely physically handicapped pupils requiring residential education.

Eastpark Homes, Glasgow and Largs—33 severely physically handicapped children requiring long-term nursing care.

Corseford School, Johnstone—1 spastic child requiring residential education.

Ladymary School, Edinburgh—5 Roman Catholic maladjusted children.

Kilquhanity House School, Castle Douglas—1 maladjusted girl (secondary age).

Stanmore House, Lanark—19 mentally handicapped spastic children requiring residential training.

Carsemeadow School at the colony for Epileptics, Bridge of Weir—17 children suffering from serious epilepsy.

The Royal Blind School, Edinburgh—13 Protestant blind children.

The Royal Scottish National Hospital, Larbert—16 mentally handicapped boys.

St. Joseph's Private Hospital, Rosewell, Edinburgh—1 Roman Catholic mentally handicapped child.

St. Charles' Private Hospital, Carstairs—25 Roman Catholic mentally handicapped children.

Merchiston House Hospital, Johnstone—1 mentally handicapped boy.

Waverley Park Hospital, Kirkintilloch—23 mentally handicapped girls.

Birkwood Hospital, Lesmahagow—1 mentally handicapped boy.

Caldwell House Hospital, Uplawmoor—14 mentally handicapped children.

Bellevue Hospital, Lanark—8 mentally handicapped children.

Condoval Hall, Near Shrewsbury—1 blind/mentally handicapped pupil.

Eden Grove School, Westmorland—1 mentally handicapped pupil.

Lennox Castle Hospital, Lennoxton—76 severely mentally handicapped children

Westerlea School, Edinburgh—1 physically handicapped (spastic) pupil.

Department of Child Psychiatry, Ladyfield, Dumfries—3 maladjusted children (primary age).

(b) MALADJUSTED CHILDREN—CHILD GUIDANCE

(Mr. G. A. Dell, Principal Psychologist)

During the year under review, the Child Guidance Service dealt with a total of 6,419 children, approximately the same figure as in the previous session. Total clinic attendances were 64,786, an increase of 1,003 over the previous year. 8,694 school visits and 1,513 home visits were paid. There was a slight reduction in the size of the waiting list from 821 to 739.

The most frequently recorded ages on referral were 8 and 9 years and the ratio of boys to girls was approximately 2:1. Just under 27 per cent of referrals were of children in the secondary school age range, which represents a substantial increase, compared with previous years.

Schools accounted for 3,915 referrals and medical sources for 717. 163 referrals came from Children's Panels or from the Social Work Department and this represents a doubling of the previous year's figures.

Among the group referred for reasons of maladjustment, 414 showed as a leading presenting system, 419 temper tantrums, 366 theft, 370 truancy, 399 attention-seeking behaviour, 308 exaggerated defiance of authority and 260 extreme shyness and inhibition. These figures show further increases in the numbers referred for the cluster of symptoms involving aggressive and demanding behaviour. For the first time for some years, enuresis has lost its place as the most frequent presenting symptom.

Further information can be found in the report on the Child Guidance Service issued annually by the Education Department. Among the principal developments described in the report for 1971/72, are the further extension of remedial teaching services and the launching of a sample survey of reading attainments at the 7, 11 and 14 year age levels.

(c) RESIDENTIAL SCHOOLS

The Centres outwith the City are listed below along with the accommodation available for pupils. Periods of residence varied according to the needs of the individual child and averaged four weeks for the normal child, four to six weeks for convalescents.

(i) NORMAL—

Achnamara, Lochgilphead	...	36 Protestant boys and girls (Secondary 1st year).
Galloway, Wigtown	... ..	112 Protestant boys and girls (Primary V, VI and VII).
Southannan, Fairlie	... ..	25 Roman Catholic boys or girls (Primary V, VI, and VII).

(ii) CONVALESCENT—

Agnes Patrick/Stevenson, Ascog		58 Roman Catholic boys and girls (8-15 years).
Caol Ruadh, Colintrave	..	40 Protestant Mentally Handicapped children (7-13 years).
Castle Craig, Peeblesshire	...	40 boys and girls, Mentally Handicapped—long term.
Castle Toward, By Dunoon	...	96 Protestant boys and girls (8-15 years).
Fornethy, Near Alyth	...	74 Protestant girls (8-12 years).
Craig, Kilmarnock	... ..	56 Roman Catholic boys (5-12 years).
Lumsden, Maybole	... ..	29 Roman Catholic girls (5-12 years).
Nerston, East Kilbride	...	32 boys and girls—maladjusted children of primary age.
Seafield, Ardrossan	... ..	68 Protestant boys (5-12 years).
South Park, Ascog	... ..	28 Protestant girls (5-15 years).

ARRANGEMENTS FOR FEEDING AND CLOTHING OF CHILDREN

(a) ADMINISTRATION AND NUMBER OF MEALS

On 31st May, 1972, there were 149 kitchens preparing meals for school children. In addition, one kitchen supplied Kosher meals to Jewish children. On an average day in May, 1972 (Monday, 8th May), the total number of dinners served was 60,409, of which 37,337 were supplied free.

Dinners only were supplied to pupils of ordinary schools and schools for handicapped children. In Nursery Schools, dinners and teas were served to children attending whole-time.

The meals were served in 400 dining rooms, 389 of which were on school premises, the remainder being in church and other halls.

The number of dinners prepared in kitchens, during the year ended 27th May, 1972, was 12,831,043, compared with 12,689,538 in 1971, 14,248,724 in 1970 and 17,373,992 in 1969.

(b) FOOTWEAR AND CLOTHING

During the year 1st June, 1971, to 31st May, 1972, 2,065 children were provided with footwear and clothing, as compared with 1,711 during the previous twelve months. The Department of Health and Social Security continued to accept responsibility for the clothing requirements of children of their dependants.

(c) MILK SUPPLIED TO SCHOOL CHILDREN

All milk supplied to schools, under the Milk in Schools Scheme, was Tuberculin-Tested (Pasteurised).

From the commencement of session 1971/72, up to the closure of schools for the Christmas vacation, free milk continued to be made available to all pupils in primary, special and nursery schools and occupational centres. From 5th January, 1972, the terms of the Education (Milk) Act, 1971, were applied and free milk was available only to pupils under the age of 7 years at 1st August, 1971, and to pupils who had been certified by School Medical Officers as requiring free milk. From April, 1972, milk was offered for sale in primary schools to those who wished it. During the year ending 31st July, 1971, the total number of milk rations issued was 23,149,165 and, on a typical day in January, 1971, 97·60 per cent of children present in primary schools received free milk. During the year ended 31st July, 1972, a total of 17,522,289 milk rations were issued: of these 16,293,135 were free issues and 1,229,154 were bought. The annual census, taken in January, 1972, showed that 46·5 per cent of all children present in primary, special and nursery schools and occupational centres received milk, but it should be noted that milk was not available on payment at that time.

Food Inspectors of the Health Department took 80 samples of milk for examination and, of that number, 3 failed to pass the coliform test. The average composition of samples was satisfactory at 3·78 per cent milk fat and 8·93 per cent non-fatty solids. Of 8 samples supplied for biological examination as to the presence of tubercle, all were found to be negative.

EDUCATION (MILK) ACT, 1971

School Medical Officers examined 28,868 children, in connection with the Act and certified that 7,956 (27·6 per cent) required free milk.

INVESTIGATION INTO RICKETS IN SCHOOL CHILDREN IN THE 8-15 AGE GROUP

(Dr. J. P. Paton, Consultant Physician, Glasgow Royal Infirmary)

My first experience of recent rickets in Glasgow was published in the *Scottish Medical Journal* 1962. 7. 159, and my first case was a Pakistani girl of about 14 years who complained of vague aches and pains in the limbs and walked like a duck (The Waddling Duck Syndrome).

I decided to re-investigate the problem of rickets during the late spring and early summer of 1972 and a total of 302 children were examined in the 8-15 age group. Clinical signs of rickets were remarkable for their absence. This may explain why rickets is so common all over Britain amongst the coloured community and yet is so difficult to detect clinically. In our group the only suggestive symptom admitted was the complaint of vague aches and pains. However, doctors from Newcastle have demonstrated one coloured immigrant with fracture of the pelvis due to rickets who made no particular complaint.

A dietetic survey was carried out. This revealed that as a result of using a flour with high extraction rate to make the widely eaten chapatis, Vitamin D intake in many children is roughly 60 per cent below recommended standards. Melted butter (Ghee) is used and as a result of the unsaturated fatty acids contained therein, absorption of Vitamin D, even if adequate in the diet, is interfered with. Indians and Pakistanis have a fondness for cereals and the phytic acid present in these interferes with the assimilation of important mineral salts. Due to racial and religious reasons, there is an inadequate use of milk which further diminishes the Vitamin D content in the diet. There is also for similar reasons a poor intake of meat.

The children were X-rayed for skeletal development and blood specimens were examined. The Haematologist reported a fairly high level of iron deficiency anaemia. There was found a high level of alkaline phosphatase, low calcium and low phosphorus in the blood specimens, showing that even where no obvious clinical symptoms prevailed, there were obvious biochemical signs of rickets in the group studied. X-ray results were less helpful as normal X-rays were found in certain children with definite biochemical evidence of rickets.

The survey leads to the conclusion that in these vulnerable groups

only biochemical studies can lead to early diagnosis of rickets. By the time that the child complains of pain, the condition is well advanced.

It is recommended that as a preventive measure, these children should be given a palatable syrup with both Vitamin B and D supplements, that this could best be carried out in school under the guidance of the School Health Service and I understand that such a project is already in hand.

My warmest thanks are extended to the Principal Medical Officer and Staff of the School Health Service, to the Teaching Staff of the schools concerned and to the members of the Dietitians, Biochemistry, Haematology and Radiography Departments of the Glasgow Royal Infirmary for the help and co-operation given by all during the investigation.

AUDIOMETRIC SURVEY UNIT REPORT

(Dr. Margaret Dunn, Assistant Principal Medical Officer)

The work of the Unit escalates each year, this past session being no exception. The staff continues to increase their individual expertise and two medical members have completed the developmental paediatric course in London which extends and complements the hearing assessment work with children. One audiology technician has completed part one of her training course and another part two, being now fully qualified.

One clinical audiometer and one sweep test machine have been purchased as replacement equipment this year. A tape of male and female voice using appropriate word lists has been made in co-operation with the scientific adviser, Royal National Institute for the Deaf, Glasgow, and two students from the College of Music and Drama. This will be extremely useful in the total battery of diagnostic procedures.

A survey was carried out in conjunction with the Consultants of Ruchill Hospital of children who had had aseptic meningitis over a ten-year period. The Unit carried out the hearing investigation. The amount of time spent on tracing the cases was quite out of proportion to the resulting number of people found. The exercise showed the population migration in this decade. The results have been published in the Archives of Disease in Childhood.

A survey was carried out of a list D school as regards hearing, involving sweep testing of the total school population and follow-up

of test failures. There were two cases requiring medical help, one of which was referred for hospital treatment.

A new venture was the holding of small group talks with parents of deaf and partially hearing children at a suitable venue where medical difficulties and problems could be discussed. It has been evident in the past that these parents have many problems which are difficult to resolve. The attendance at such has not been very encouraging, but it is intended to continue this type of meeting, in particular for the parents of the young deaf, and evaluate the results after another year.

An in-training day course for staff was held twice this year and the new aspects of children with hearing defects including techniques of testing and recording was discussed. At such functions it is interesting to note how much that is new has taken place in even a few years.

The computerisation of records is under way, and while this year has seen the initiation of the Scheme, it is hoped to gave a clearer picture of its functioning by next year.

It is always a privilege to outline the services offered by Glasgow in this field and I was honoured in being asked to speak of the work of the Survey Unit to the Conference of the National Deaf Children Society in Edinburgh in March and to the Refresher Course of the Society of Medical Officers of Health, Audiology Sub-group, at Manchester University in May. Much discussion followed both these papers and such is always thought provoking and stimulating and can generate ideas on management of resources and deployment of services.

Many visitors have seen the Unit and its equipment and have had demonstrations from the staff. These include medical hospital staff, general practitioners and student audiology technicians.

The head teachers of all schools have been, as always, most helpful to the Unit staff and special attention is made in this respect of the head teachers of the deaf and partially hearing schools. The Child Guidance Service, Speech Reading Unit and, in particular, the Special Schools Department of the Education Authority continue to demonstrate the ongoing happy linkage with our team.

The clerical section of the Department provides the background for the Unit's ability to cover the increasing volume of work and, to them and to all members of this hard-working Unit, I would express my sincere thanks.

DENTAL SECTION REVIEW

(*Mr. Martyn L. H. Davies, Chief Dental Officer*)

During the year the work of the Dental Section involved a considerable amount of co-operation with outside bodies. In conjunction with members of the University Staff, the following projects were arranged—a “black stain” study, an extended evaluation of the topical and systemic effects of fluoride tablets, the dental assessment and treatment of severely handicapped children, a lecture and clinic visit involving final year students and visits by 3rd/4th year students to schools over a three-week period to create a better understanding by students of children and by children of dental health. Co-operation with the Scottish Home and Health Department included among other things, the participation of three of our dental officers in an Adult Dental Health Survey of Scotland (220 sessions) and the preparation of reports on various subjects. At the request of the General Dental Council, a meeting was held of intending dental auxiliary students from various parts of the country. A small exhibition was also mounted for the occasion.

Courses and In-training :—Non-sponsored, three months evening University courses :—Business Management (C.D.O. and Depute), Public Relations (C.D.O.), Statistics in Medical Research (C.D.O.), Course for Professional People dealing with handicapped children (C.D.O., Depute and 2 D.O.’s.). Sponsored courses :—Preventive Dentistry (S.D.O.—3 days), Periodontology (C.D.O. and Depute—2 days) and Forensic Odontology (C.D.O.—one day). *In-training* :—A total of 90 sessions were spent by dental officers in joint consultation with our orthodontist as a form of in-training. Talks and demonstrations were given to dental officers and auxiliaries on resuscitation, modern materials and aids to dental health education.

Treatment of Handicapped Children :—This is undertaken by one of our mobile units, in normal clinics or for the severely handicapped, by the Department of Child Health in the Dental Hospital. During the year, a scheme was initiated to carry out daily electric toothbrushing for handicapped children. At present this is only done at Kelbourne School, but it is hoped eventually to extend the programme also to cover most of the other special schools. At Kelbourne where some of the City’s most severely handicapped children attend, the project requires the services of both a dental auxiliary and a dental surgery assistant

for a minimum of two hours each day. The systematic brushing is enjoyed by the children and has resulted in a marked improvement in the poor gum condition usually associated with children of this type. Fluoride tablets are also issued daily to the children.

Prevention—The following schemes are in progress—the use of fissure sealant ; the treatment of all our clinic patients with Zircate (fluoride) paste ; the daily use of fluoride tablets by all 800 orthodontic patients and also by other selected patients ; the scheme already mentioned for handicapped children ; talks to approximately 30,000 children in schools and the supervision of school dental health projects.

As no National Health Service fees are payable to general dental practitioners for carrying out prevention, only a limited amount of work in this field can be done for children in private practice. As a result, the major proportion of the prevention has become the responsibility of the local authority dental service.

Equipment—In view of the increased danger from infective hepatitis, sufficient additional Day Heat sterilisers were purchased to replace any “boilers” still being used in our 31 surgeries. In accordance with our established policy of keeping the Dental Section facilities up-to-date, two more surgeries were redesigned and re-equipped during the year.

Records—A considerable amount of administrative time was spent revising the existing forms used in Glasgow for keeping dental records. The new forms have been approved by the Association of Chief Dental Officers and the Scottish Home and Health Department and are now in general use throughout Scotland.

PRESENT POSITION IN GLASGOW COMPARED WITH PREVIOUS ANNUAL REPORTS.

<i>School Children :</i>				1972	1971	1970	1969
No. of school children	...	...	...	169,716	175,234	175,118	174,392
No. requiring treatment 80%	...	...	...	135,773	140,872	140,094	139,514
No. treated by S.H.S.	...	...	...	27,859	26,024	25,747	23,285
No. treated by G.P's	...	...	...	65,933	70,470	70,541	71,019
Total treated	...	...	...	92,792	96,494	96,288	94,304
No. completely untreated	...	...	...	42,981	44,388	44,806	45,210

THE WORK OF THE OCCUPATIONAL THERAPY DEPARTMENT IN KELBOURNE SCHOOL

(Miss Susan J. Weale—Senior Occupational Therapist.)

During this year, every child has been treated at least twice a week in the Occupational Therapy Department. The treatment has followed the pattern of previous years with a few additional activities and undertakings, including the six-monthly detailed assessment of every child.

The children are taught through play to increase their co-ordination and range of movement, to perceive themselves as an integral part of all situations and to establish sound social relationships.

Emphasis is placed on practice in feeding, dressing and toileting, especially with the younger children, while the older pupils learn cooking, homecraft, woodwork and other skills to equip them for their future.

ARRANGEMENTS FOR PHYSICAL EDUCATION

(Mr. A. C. M. Johnston, Adviser in Physical Education)

STAFFING

Once again, we are happy to report that the supply of female staff has been adequate for the needs of secondary schools and some beginners expressed a willing desire to teach in primary schools, thus helping the teachers to understand the new methods and techniques required.

The supply of male teachers does not yet quite meet our requirements. This situation is created by the large number of our staff who have become Depute Head Teachers, Assistant Head Teachers and Principal Teachers of Guidance, hence cutting down the number of hours they spend in Physical Education.

PRIMARY SCHOOLS

In-service courses for primary teachers were run in the East-End of the City on Inventive Movement, Expressive Movement and Games. Thanks to the help we received from the lecturing staff at Jordanhill College, these courses were very successful.

One of our most successful aspects in Physical Education is, without doubt, swimming! We had an overwhelming list of applicants for our 12th Course on swimming for primary teachers which faced disaster at the outset. The school janitors in charge of school pools had a difference of opinion with the Corporation and decided to stop all work on the swimming pools. Fortunately, the Superintendent of Baths came to our rescue and put Drumchapel Baths at our disposal for the 10 nights of the Course—a gesture we did appreciate. The number of primary schools taking part in swimming is now 144.

PUPILS WITH SPECIAL NEEDS

We have always tried to help with staffing in these schools where, nowadays, the facilities are very good. Head Teachers are quick to praise the contribution made by the Specialist Teacher.

SECONDARY SCHOOLS

The erection of a number of Games Halls on school sites has given the necessary impetus to quite a number of games, such as Basketball, Netball, Volleyball and Badminton, which are enjoying a new popularity. The halls have been made more attractive and acceptable by the installation of heating. The earlier construction failed to completely catch the pupils' imagination with their rather Spartan conditions; all the authorities were allowed to build at the time. We found, on keeping a check, that very often the temperature in the hall was lower than the air outside—fortunately, this has now been remedied.

Athletics has also got a boost, because there is no break in training, due to unfavourable weather conditions—it seems a pity that our athletic season is so short when there is such an improvement in our facilities.

Swimming also has improved, both from the numbers who can swim and the standards we have achieved at the Glasgow Swimming Championships Gala, held in Govanhill Baths. This is all due to the dedication of the Glasgow teachers who give unsparingly of their time to achieve such grand results.

Our thanks are due once again to the Education Committee who keep supporting our subject in providing such good facilities.

SURVEY OF HEIGHTS, WEIGHTS AND BODY MEASUREMENTS

(Dr. Patricia Mair)

While the design of classroom furniture has been changing over recent years and attention has been paid to the increase in growth of school children over the years until the 1960's when this began to level off, no thought was given to the body measurements of the child sitting at the desk, measurements which, if known, would enable desks, seats and classroom design to be suited and fashioned to the body dimension of the pupil.

The Furniture Industry Research Association undertook to carry out a survey in Britain, in order to discover standard measurements for children and our Service took part in the Survey.

Boys and girls from 2 years to 18 years of age were measured. Nursery schools and schools in various districts of the City were visited, in order to have as wide a representation as possible. Children were not selected, but taken in groups according to the convenience of the school staff. To keep the results as specific and valid as possible, all measurements were taken by the same team of school medical officer and public health nurse.

There were 14 measurements carried out for each child and the Tables on the next page show the average measurements for boys and girls under each heading for each age group.

AGE	No. Measured	Standing Height	Weight	Sitting			Back of Buttocks		Shoulder			Elbow Height	Shoulder Width	Buttock Width	
				Sitting Height	Eye Height	to front of Knee	to Popliteus	Sole to Patella	Thigh Height	Sacral Height	Blade Height				
Boys	2—3	35	30.75	20.5	16.75	10.5	8.75	8.5	9.25	3	5	5.25	9.5	7.75	
	3—4	37.75	33.25	22.5	18.25	11.25	9.25	9.25	10.25	3.25	5.75	6.25	9.75	7.75	
	4—5	40.75	38.25	23.75	19.5	12	9.75	10.25	11.25	3.25	6.25	6.25	10.25	8	
	5—6	44.5	45.5	24.75	20.5	14	11.5	11	12.25	3.25	6.5	5.75	10.75	8	
	6—7	47.25	50.75	26	22	14.75	12	11.5	13.25	4	7	7	11.5	8.75	
	7—8	49	56	27.25	22.5	14.75	12	13.75	14.5	3.5	7.25	6.75	11.5	9.75	
	8—9	53.75	57	22.75	14.75	12	13.25	14.25	15.5	3.75	7.5	6.5	11.25	9.25	
	9—10	52.5	64.5	28.5	24.25	16.25	13	14	15.5	4	7.75	7.25	12.25	9.25	
	10—11	54.5	71	29.25	25	16.75	13.5	15.25	16.25	3.75	7.75	7.5	12.5	10.25	
	11—12	55.75	77.75	29.75	25.25	17.5	14.25	15.25	16.75	3.75	8.25	6.5	12.75	10.5	
	12—13	61.75	101.25	32.5	28.25	19.25	15.25	16.25	18.25	4.5	9	15.75	14	11	
	13—14	61.5	99.75	32.75	28.5	19.25	15.25	16.25	18.25	4.75	9.25	16.25	14	11	
	14—15	64.75	120.5	34.25	30	20.5	16.5	17	19.25	5.25	9.5	17	14.75	12	
	15—16	65.75	119.25	35	31	20.75	16.5	17.25	19.25	5.25	9.25	17	15	11.75	
	16—17	68	129.25	35.25	31	21.75	17.5	17.75	20.25	5.5	9	17.75	15.5	12.5	
	17—18	68	132.75	36.5	32.5	21.25	17	17.25	19.5	5.25	9.75	18.5	16	12.75	
	Girls	2—3	34.75	28.5	20.25	16.5	10.75	9	8.5	9.25	3	5.25	5.5	9.25	7.25
		3—4	38.5	34.5	23	19	11.25	9.25	9.25	10.75	3.25	6	6.5	9.75	8.25
4—5		41.5	39	23.25	19.5	13	10.5	10.5	11.75	3.5	6.5	6.5	10.5	8.5	
5—6		44.75	47	24.75	21	14.5	12	11	12	3.75	6.5	6	11	8.75	
6—7		47.5	51.75	26.25	22.25	15.25	12.5	12	13.5	4.25	7	6.25	11.75	9.5	
7—8		47.75	53.5	26.75	22.75	15	12.25	12.75	13.5	3.75	7.25	7.5	11.25	9.5	
8—9		51.5	60.5	28	23.5	16	13	14	15	3.75	7.75	6.75	11.5	9.5	
9—10		51.75	61.5	28	24	16.25	13	13.75	15.25	4	7.75	7	12	9.25	
10—11		54.5	73.5	29.25	24.75	17.25	14	14.75	16.25	4	8.25	7.5	12.75	11	
11—12		57.5	80.5	30.5	26.25	18.75	15.5	15.5	17.25	4.25	8.5	7.5	13	10.5	
12—13		60.5	95	32.5	28.5	19.25	15.75	61	17.75	4.5	8.75	8.25	13.5	11	
13—14		62.5	105.25	34	30	20	16	16.25	18.25	5	9.5	9.25	14	11.75	
14—15		62.75	113.25	33.75	29.5	20.5	16.5	16	18.25	5.25	9.25	9	14.5	12.5	
15—16		64	115.75	34.75	31	21.25	16.75	16.75	18.75	5.25	9.5	17	14.5	12.5	
16—17		63.75	121.75	34.5	30.5	20.75	17	16.25	18.5	5.75	9.25	17.75	14.75	12.75	
17—18		65	123.75	35.75	31.75	21	17	16.25	18.5	5.25	9.75	18	15.25	12.75	

Weight in LBS. All other measurements in inches.

TABLE 1

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTION

No. of children examined	...	...	...	Entrants		13-year-olds		16-year-olds		All ages		Total
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
				6,650	6,357	6,803	6,883	2,054	1,822	16,120	15,777	31,897
<i>Clothing—</i>												
Unsatisfactory	...	...	...	6	3	3	3	0	0	11	10	21
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Ragged	...	...	...	3	6	8	5	1	0	13	11	24
				(0.0)	(0.0)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Dirty	...	...	...	14	14	15	16	0	0	35	33	68
				(0.2)	(0.2)	(0.2)	(0.2)	(0.0)	(0.0)	(0.2)	(0.2)	(0.2)
Totals	...	...	...	23	23	26	24	1	0	59	54	113
				(0.3)	(0.3)	(0.3)	(0.3)	(0.0)	(0.0)	(0.3)	(0.3)	(0.3)
<i>Footwear—</i>												
Unsatisfactory	...	...	...	12	7	17	4	0	0	32	15	47
				(0.1)	(0.1)	(0.2)	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0.1)
None	...	...	...	0	0	0	0	0	0	0	0	0
Totals	...	...	...	12	7	17	4	0	0	32	15	47
				(0.1)	(0.1)	(0.2)	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0.1)
<i>INFECTIVE AND PARASITIC—</i>												
Late effects of acute polio-myelitis	...	...	...	0	1	1	1	1	0	2	2	4
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Chickenpox	...	...	...	1	0	0	0	0	0	1	0	1
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Mumps	...	...	...	1	2	0	0	1	0	2	2	4
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Ringworm	...	...	...	0	1	21	7	5	1	28	10	38
				(0.0)	(0.0)	(0.3)	(0.1)	(0.2)	(0.0)	(0.1)	(0.0)	(0.1)
Threadworms	...	...	...	0	1	0	0	0	0	0	1	1
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Acquired Toxoplasmosis	...	...	...	0	0	0	1	0	0	0	1	1
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Pediculosis	...	...	...	150	298	313	566	18	15	508	931	1,439
				(2.2)	(4.6)	(4.6)	(8.2)	(0.8)	(0.8)	(3.1)	(5.9)	(4.5)
Scabies	...	...	...	12	12	12	11	0	0	25	25	50
				(0.1)	(0.1)	(0.1)	(0.1)	(0.0)	(0.0)	(0.1)	(0.1)	(0.1)
Common Cold	...	...	...	153	118	60	42	16	9	240	173	413
				(2.3)	(1.8)	(0.8)	(0.6)	(0.7)	(0.4)	(1.4)	(1.0)	(1.2)
Gastro-Enteritis	...	...	...	2	0	0	0	0	0	2	0	2
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Vaginitis or Vulvitis	...	...	...	0	1	0	1	0	0	0	2	2
				(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Totals	...	...	...	319	434	407	629	41	25	808	1,147	1,955
				(4.7)	(6.8)	(5.9)	(9.1)	(1.9)	(1.3)	(5.0)	(7.2)	(6.1)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH
DEFECTS AT ROUTINE MEDICAL INSPECTION

				Entrants		13-year-olds		16-year-olds		All ages		
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
SKIN DISEASE—												
Molluscum Contagiosum	...			0 (0·0)	2 (0·0)	8 (0·1)	0 (0·0)	0 (0·0)	1 (0·0)	8 (0·0)	3 (0·0)	11 (0·0)
Warts or Verruca	...	...		45 (0·6)	33 (0·5)	89 (1·3)	119 (1·7)	10 (0·4)	15 (0·8)	149 (0·9)	173 (1·0)	322 (1·0)
Haemangioma	...	...		3 (0·0)	6 (0·0)	3 (0·0)	4 (0·0)	1 (0·0)	0 (0·0)	7 (0·0)	11 (0·0)	18 (0·0)
Boil or Carbuncle	...	...		4 (0·0)	2 (0·0)	4 (0·0)	2 (0·0)	1 (0·0)	0 (0·0)	9 (0·0)	4 (0·0)	13 (0·0)
Cellulitis of Finger	...	...		0 (0·0)	0 (0·0)	3 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	4 (0·0)	1 (0·0)	5 (0·0)
Impetigo	...	...	...	22 (0·3)	9 (0·1)	4 (0·0)	4 (0·0)	1 (0·0)	1 (0·0)	27 (0·1)	16 (0·1)	43 (0·1)
Eczema (Unspecified)	...			34 (0·5)	25 (0·3)	30 (0·4)	20 (0·2)	7 (0·3)	4 (0·2)	79 (0·4)	51 (0·3)	130 (0·4)
Eczema (due to Detergents)				1 (0·0)	0 (0·0)	1 (0·0)	3 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	3 (0·0)	5 (0·0)
Eczema (specific agents)	...			3 (0·0)	6 (0·0)	0 (0·0)	6 (0·0)	1 (0·0)	0 (0·0)	5 (0·0)	13 (0·0)	18 (0·0)
Eczema (allergic)	...	...		28 (0·4)	19 (0·2)	13 (0·1)	13 (0·1)	3 (0·1)	1 (0·0)	46 (0·2)	37 (0·2)	83 (0·2)
Dermatitis	...	...	...	2 (0·0)	0 (0·0)	2 (0·0)	5 (0·0)	3 (0·1)	1 (0·0)	7 (0·0)	6 (0·0)	13 (0·0)
Psoriasis	...	...	...	6 (0·0)	9 (0·1)	24 (0·3)	20 (0·2)	3 (0·1)	10 (0·5)	34 (0·2)	40 (0·2)	74 (0·2)
Ichthyosis	...	...	...	15 (0·2)	7 (0·1)	10 (0·1)	10 (0·1)	3 (0·1)	5 (0·2)	29 (0·1)	22 (0·1)	51 (0·1)
Keloid Scar	...	...	...	11 (0·1)	5 (0·0)	7 (0·1)	7 (0·1)	1 (0·0)	2 (0·1)	20 (0·1)	18 (0·1)	38 (0·1)
Alopecia Arcata	...	...		0 (0·0)	3 (0·0)		3 (0·0)	1 (0·0)	2 (0·1)	3 (0·0)	8 (0·0)	11 (0·0)
Acne	...	...	...	1 (0·0)	0 (0·0)	77 (1·1)	219 (3·1)	290 (14·1)	164 (9·0)	374 (2·3)	389 (2·4)	763 (2·3)
Other Diseases of Sebaceous Glands	...	...	...	5 (0·0)	0 (0·0)	2 (0·0)	3 (0·0)	6 (0·2)	3 (0·1)	13 (0·0)	6 (0·0)	19 (0·0)
Urticaria	...	...	...	57 (0·8)	41 (0·6)	46 (0·6)	26 (0·3)	5 (0·2)	4 (0·2)	110 (0·6)	75 (0·4)	185 (0·5)
Abrasions	...	...	...	8 (0·1)	4 (0·0)	8 (0·1)	3 (0·0)	5 (0·2)	0 (0·0)	25 (0·1)	7 (0·0)	32 (0·1)
Hairy Mole or Pigmented Naevus	...	...	...	13 (0·1)	11 (0·1)	6 (0·0)	11 (0·1)	6 (0·2)	2 (0·1)	27 (0·1)	25 (0·1)	52 (0·1)
Totals				258 (3·8)	182 (2·8)	339 (4·9)	479 (6·9)	348 (16·9)	215 (11·8)	978 (6·0)	908 (5·7)	1,886 (5·9)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH
DEFECTS AT ROUTINE MEDICAL INSPECTION

				Entrants		13-year-olds		16-year-olds		All ages		Total
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
TEETH AND MOUTH—												
Impacted Teeth	...	...		1 (0·0)	0 (0·0)	3 (0·0)	10 (0·1)	2 (0·0)	1 (0·0)	6 (0·0)	12 (0·0)	18 (0·0)
Dental Caries	...	...		1,857 (27·9)	1,825 (28·7)	1,133 (16·6)	912 (13·2)	215 (10·4)	95 (5·2)	3,368 (20·8)	3,009 (19·0)	6,377 (19·90)
Attrition of Teeth	...	...		5 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	5 (0·0)	1 (0·0)	6 (0·0)
Disease of Teeth Tissues	...	...		1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	2 (0·0)
Dental Abscess	...	...		6 (0·0)	8 (0·1)	3 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	9 (0·0)	9 (0·0)	18 (0·0)
Stomatitis	...	...	...	0 (0·0)	1 (0·0)	3 (0·0)	2 (0·0)	1 (0·0)	1 (0·0)	4 (0·0)	4 (0·0)	8 (0·0)
Cleft Palate	...	...		2 (0·0)	4 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	5 (0·0)	5 (0·0)	10 (0·0)
Hare Lip	...	...	...	1 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	2 (0·0)	3 (0·0)
Cleft Palate and Hare Lip	...	...		2 (0·0)	0 (0·0)	1 (0·0)	3 (0·0)	0 (0·0)	0 (0·0)	3 (0·0)	3 (0·0)	6 (0·0)
Totals				1,875 (28·1)	1,842 (28·9)	1,144 (16·8)	928 (13·4)	218 (10·6)	97 (5·3)	3,402 (21·1)	3,402 (19·3)	6,448 (20·2)

EAR, NOSE AND THROAT—

Otitis Externa	...	...		3 (0·0)	1 (0·0)	2 (0·0)	6 (0·0)	1 (0·0)	0 (0·0)	6 (0·0)	7 (0·0)	13 (0·0)
Otitis Media Acute	...	...		19 (0·2)	22 (0·3)	7 (0·1)	11 (0·1)	4 (0·1)	0 (0·0)	31 (0·1)	37 (0·2)	68 (0·2)
Otitis Media Chronic Suppurative	...	...		13 (0·1)	9 (0·1)	37 (0·5)	30 (0·4)	1 (0·0)	2 (0·1)	54 (0·3)	43 (0·2)	97 (0·3)
Other Infective Disease of Ear	...	...		3 (0·0)	4 (0·0)	3 (0·0)	2 (0·0)	0 (0·0)	1 (0·0)	6 (0·0)	8 (0·0)	14 (0·0)
Wax in Ear	...	...	...	18 (0·2)	34 (0·5)	47 (0·6)	54 (0·7)	49 (2·3)	12 (0·6)	116 (0·7)	106 (0·6)	222 (0·6)
Other Disease of Ear	...	...		3 (0·0)	3 (0·0)	4 (0·0)	5 (0·0)	4 (0·1)	0 (0·0)	12 (0·0)	9 (0·0)	21 (0·0)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTIONS

				Entrants		13-year-olds		16-year-olds		All ages		
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
EAR NOSE AND THROAT—Continued												
Sinusitis	...	...	...	10 (0.1)	2 (0.0)	8 (0.1)	6 (0.0)	1 (0.0)	0 (0.0)	20 (0.1)	8 (0.0)	28 (0.0)
Acute Tonsillitis	...	...	...	5 (0.0)	4 (0.0)	4 (0.0)	7 (0.1)	1 (0.0)	0 (0.0)	10 (0.0)	13 (0.0)	23 (0.0)
Tonsillar Hypertrophy	...	...	...	665 (10.0)	583 (9.1)	118 (1.7)	135 (1.9)	6 (0.2)	18 (0.9)	834 (5.1)	786 (4.9)	1,620 (5.0)
Chronic Pharyngitis	...	...	...	1 (0.0)	1 (0.0)	1 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	2 (0.0)	4 (0.0)
Chronic Nasopharyngitis	...	...	...	14 (0.2)	7 (0.1)	9 (0.1)	8 (0.1)	1 (0.0)	3 (0.1)	25 (0.1)	19 (0.1)	44 (0.1)
Deflected Nasal Septem	...	...	...	0 (0.0)	1 (0.0)	6 (0.0)	4 (0.0)	4 (0.1)	0 (0.0)	10 (0.0)	5 (0.0)	15 (0.0)
Nasal Polyposis	...	...	...	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3 (0.1)	0 (0.0)	3 (0.0)	0 (0.0)	3 (0.0)
Hay Fever	...	...	...	2 (0.0)	2 (0.0)	22 (0.3)	9 (0.1)	9 (0.4)	6 (0.3)	33 (0.2)	17 (0.1)	50 (0.1)
Congenital Anomaly of Ear	...	...	...	1 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	1 (0.0)	2 (0.0)
Epistaxis	...	...	...	3 (0.0)	2 (0.0)	2 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	5 (0.0)	3 (0.0)	8 (0.0)
Totals	...	...	...	760 (11.4)	676 (10.6)	270 (3.9)	279 (4.0)	84 (4.0)	42 (2.3)	1,168 (7.2)	1,064 (6.7)	2,232 (6.9)
HEARING DEFECTS—												
Complete Hearing Loss	...	...	...	0 (0.0)	0 (0.0)	3 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3 (0.0)	0 (0.0)	3 (0.0)
(Both ears)	...	...	...						
Deafness in one ear	...	...	...						
Part Deafness in Other	...	...	...	1 (0.0)	1 (0.0)	4 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	6 (0.0)	2 (0.0)	8 (0.0)
Deafness in One Ear	...	...	...	0 (0.0)	1 (0.0)	4 (0.0)	5 (0.0)	1 (0.0)	0 (0.0)	6 (0.0)	6 (0.0)	12 (0.0)
Impaired Hearing	...	...	...						
(One or both Ears)	...	...	...	55 (0.8)	56 (0.8)	45 (0.6)	44 (0.6)	9 (0.4)	2 (0.1)	115 (0.7)	106 (0.6)	221 (0.6)
Totals	...	...	...	56 (0.8)	58 (0.9)	56 (0.8)	49 (0.7)	11 (0.5)	2 (0.1)	130 (0.8)	114 (0.7)	244 (0.7)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH
DEFECTS AT ROUTINE MEDICAL INSPECTIONS

				Entrants		13-Year-Olds		16-Year-Olds		All Ages		Total
EYES—				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Conjunctivitis	...	...		4 (0.0)	5 (0.0)	6 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	10 (0.0)	8 (0.0)	18 (0.0)
Blepharitis	...	...	...	35 (0.5)	26 (0.4)	56 (0.8)	50 (0.7)	14 (0.6)	7 (0.3)	108 (0.6)	84 (0.5)	192 (0.6)
Stye	...	...	...	2 (0.0)	4 (0.0)	3 (0.0)	6 (0.0)	0 (0.0)	0 (0.0)	5 (0.0)	10 (0.0)	15 (0.0)
Corneal Ulcer	...	...		1 (0.0)	2 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	3 (0.0)	4 (0.0)
Other Infective Eye Disease				0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	1 (0.0)
Refractive Errors (All)	...			222 (3.3)	228 (3.5)	750 (11.0)	804 (11.6)	243 (11.8)	303 (16.6)	1,257 (7.7)	1,387 (8.7)	2,644 (8.2)
Corneal Opacity	...	...		0 (0.0)	1 (0.0)	2 (0.0)	1 (0.0)	1 (0.0)	0 (0.0)	3 (0.0)	2 (0.0)	5 (0.0)
Strabismus	...	...	...	215 (3.2)	200 (3.1)	61 (0.8)	58 (0.8)	6 (0.2)	9 (0.4)	294 (1.8)	287 (1.8)	581 (1.8)
Vascular Lesions of Retina	...			0 (0.0)	0 (0.0)	1 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	1 (0.0)	2 (0.0)
Colour Blindness	...	...		109 (1.6)	21 (0.3)	261 (3.8)	21 (0.3)	74 (3.6)	8 (0.4)	452 (2.8)	52 (0.3)	504 (1.5)
Chalazion	...	...	...	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	0 (0.0)	2 (0.0)
Other Diseases of Eye	...			2 (0.0)	4 (0.0)	7 (0.1)	3 (0.0)	0 (0.0)	2 (0.1)	9 (0.0)	10 (0.0)	19 (0.0)
Blindness (Both Eyes)	...			1 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	2 (0.0)	0 (0.0)	4 (0.0)	0 (0.0)	4 (0.0)
Blindness (One Eye)	...	...		2 (0.0)	3 (0.0)	14 (0.2)	5 (0.0)	4 (0.1)	1 (0.0)	21 (0.1)	11 (0.0)	32 (0.1)
Nystagmus	...	...	...	5 (0.0)	0 (0.0)	1 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	6 (0.0)	2 (0.0)	8 (0.0)
Totals	...	...	...	600 (9.0)	494 (7.7)	1,163 (17.0)	955 (13.8)	344 (16.7)	330 (18.1)	2,173 (13.4)	1,858 (11.7)	4,031 (12.6)
SPEECH—												
All Speech Defectes	...	...		195 (2.9)	95 (1.4)	37 (0.5)	15 (0.2)	4 (0.1)	1 (0.0)	251 (1.5)	124 (0.7)	375 (1.1)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTIONS

				Entrants		13-Year-Olds		16-Year-Olds		All Ages		
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Total
LUNGS—												
Primary Tuberculous Complex				1 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	1 (0·0)	3 (0·0)
Acute Bronchitis				70 (1·0)	41 (0·6)	8 (0·1)	2 (0·0)	0 (0·0)	0 (0·0)	83 (0·5)	46 (0·2)	129 (0·4)
Influenza (Unqualified) ...				1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Chronic Bronchitis				17 (0·2)	16 (0·2)	8 (0·1)	7 (0·1)	3 (0·1)	1 (0·0)	29 (0·1)	25 (0·1)	54 (0·1)
Asthma				72 (1·0)	37 (0·5)	113 (1·6)	36 (0·5)	26 (1·2)	5 (0·2)	221 (1·3)	81 (0·5)	302 (0·9)
Totals				161 (2·4)	94 (1·4)	131 (1·9)	46 (0·6)	29 (1·4)	6 (0·3)	337 (2·0)	153 (0·9)	490 (1·5)
HEART AND CIRCULATION—												
Iron Deficiency Anaemia ...				9 (0·1)	14 (0·2)	2 (0·0)	15 (0·2)	0 (0·0)	5 (0·2)	11 (0·0)	35 (0·2)	46 (0·1)
Anaemia (Unspecified) ...				4 (0·0)	12 (0·1)	2 (0·0)	1 (0·0)	0 (0·0)	2 (0·1)	7 (0·0)	17 (0·1)	24 (0·0)
Haemophilia				0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	2 (0·0)
Christmas Disease				0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Allergic Purpura				0 (0·0)	3 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	4 (0·0)
Chronic Rheumatic Heart Disease				0 (0·0)	1 (0·0)	4 (0·0)	9 (0·1)	1 (0·0)	1 (0·0)	5 (0·0)	11 (0·0)	16 (0·0)
Fallot's Tetralogy				1 (0·0)	1 (0·0)	3 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	1 (0·0)	5 (0·0)
Interventricular Septal Defect				11 (0·1)	6 (0·0)	4 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	16 (0·0)	8 (0·0)	24 (0·0)
Interatrial Septal Defect ...				1 (0·0)	1 (0·0)	2 (0·0)	4 (0·0)	0 (0·0)	0 (0·0)	3 (0·0)	5 (0·0)	8 (0·0)
Other Malformation of Heart				5 (0·0)	5 (0·0)	7 (0·1)	9 (0·1)	3 (0·1)	1 (0·0)	15 (0·0)	15 (0·0)	30 (0·0)
Patent Ductus Arteriosus ...				0 (0·0)	4 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	7 (0·0)	7 (0·0)
Totals				31 (0·4)	47 (0·7)	26 (0·3)	44 (0·6)	4 (0·1)	9 (0·4)	64 (0·3)	104 (0·6)	168 (0·5)

TABLE 1—*Continued*
NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH
DEFECTS AT ROUTINE MEDICAL INSPECTIONS

ORTHOPAEDIC— <i>continued</i>				Entrants		13-Year-Olds		16-Year-Olds		All Ages		Total
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Infective Myositis, etc.	...			0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·1)	0 (0·0)	3 (0·0)	3 (0·0)
Curvature of Spine (not congenital)	...	...		4 (0·0)	8 (0·1)	37 (0·5)	23 (0·3)	13 (0·6)	13 (0·7)	56 (0·3)	49 (0·3)	105 (0·3)
Flat Foot (not congenital)	...			70 (1·0)	54 (0·8)	35 (0·5)	37 (0·5)	15 (0·7)	14 (0·7)	124 (0·7)	111 (0·7)	235 (0·7)
Halux Valgus (not congenital)				2 (0·0)	4 (0·0)	3 (0·0)	19 (0·2)	3 (0·1)	9 (0·4)	8 (0·0)	35 (0·2)	43 (0·1)
Halux Rigidis, etc.	...	...		40 (0·6)	55 (0·8)	9 (0·1)	21 (0·3)	2 (0·0)	2 (0·1)	55 (0·3)	80 (0·5)	135 (0·4)
Club Foot	...	...	...	4 (0·0)	2 (0·0)	2 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	7 (0·0)	3 (0·0)	10 (0·0)
Congenital Dislocation of Hip				0 (0·0)	2 (0·0)	1 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	4 (0·0)	5 (0·0)
Other Congenital Anomaly Lower Limb	...	...		15 (0·2)	28 (0·4)	9 (0·1)	12 (0·1)	0 (0·0)	1 (0·0)	25 (0·1)	41 (0·2)	66 (0·2)
Congenital Anomaly of Spine				2 (0·0)	3 (0·0)	4 (0·0)	4 (0·0)	1 (0·0)	4 (0·2)	7 (0·0)	11 (0·0)	18 (0·0)
Unspecified Anomaly of Musculo-Skeletal System				6 (0·0)	10 (0·1)	17 (0·2)	41 (0·5)	4 (0·1)	14 (0·7)	27 (0·1)	67 (0·4)	94 (0·2)
Swelling of Joint	...	...		1 (0·0)	0 (0·0)	1 (0·0)	2 (0·0)	1 (0·0)	1 (0·0)	3 (0·0)	3 (0·0)	6 (0·0)
Totals	...	...	...	147 (2·2)	170 (2·6)	131 (1·9)	167 (2·4)	39 (1·8)	66 (3·6)	329 (2·0)	421 (2·6)	750 (2·3)
<hr/>												
UROGENITAL CONDITIONS—												
Nephrotic Syndrome	...			1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Chronic Nephritis	...	...		1 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	2 (0·0)	3 (0·0)
Infections of Kidney	...			4 (0·0)	12 (0·1)	1 (0·0)	7 (0·1)	0 (0·0)	0 (0·0)	5 (0·0)	19 (0·1)	24 (0·0)
Other Pyelonephritis	...			0 (0·0)	2 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	3 (0·0)	3 (0·0)
Hydronephrosis	...	...		0 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	2 (0·0)	1 (0·0)	3 (0·0)
Renal Dwarfism	...	...		2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Cystitis, etc.	...	...		4 (0·0)	9 (0·1)	0 (0·0)	4 (0·0)	0 (0·0)	1 (0·0)	4 (0·0)	15 (0·0)	19 (0·0)
Hydrocele	...	...	...	4 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	0 (0·0)	4 (0·0)
Phimosis	...	...	...	3 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	0 (0·0)	4 (0·0)
Undescended Testes...	...			59 (0·8)	0 (0·0)	13 (0·1)	0 (0·0)	0 (0·0)	0 (0·0)	79 (0·4)	0 (0·0)	79 (0·2)
Hydrospadias	...	...		3 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	0 (0·0)	4 (0·0)
Totals	...	...	...	81 (1·2)	25 (0·3)	18 (0·2)	13 (0·1)	1 (0·0)	1 (0·0)	107 (0·6)	40 (0·2)	147 (0·4)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTIONS

				Entrants		13-Year-Olds		16-Year-Olds		All Ages		
				Boys	Girls	Boys	Girls	Bous	Girls	Boys	Girls	Total
EMOTIONAL—												
Anxiety Neurosis	...	...		6 (0.0)	6 (0.0)	3 (0.0)	5 (0.0)	0 (0.0)	1 (0.0)	9 (0.0)	13 (0.0)	22 (0.0)
Emotional Instability	...			6 (0.0)	4 (0.0)	5 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	11 (0.0)	5 (0.0)	16 (0.0)
Aggressiveness	...	...		2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	0 (0.0)	2 (0.0)
Passive Dependency	...			4 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (0.0)	2 (0.0)	6 (0.0)
Anxiety State	...	...		2 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	2 (0.0)	3 (0.0)	5 (0.0)
Nightmares	...	...		1 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	2 (0.0)	3 (0.0)
Enuresis	...	...	...	319 (4.7)	294 (4.6)	30 (0.4)	12 (0.1)	1 (0.0)	0 (0.0)	368 (2.2)	331 (2.0)	699 (2.1)
Encopresis	...	...	...	13 (0.1)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	13 (0.0)	2 (0.0)	15 (0.0)
Transient Situational Disturbance	...	...		6 (0.0)	6 (0.0)	3 (0.0)	1 (0.0)	0 (0.0)	2 (0.1)	9 (0.0)	9 (0.0)	18 (0.0)
Behaviour Disorder (tantrums)	...			14 (0.2)	5 (0.0)	0 (0.0)	3 (0.0)	0 (0.0)	0 (0.0)	15 (0.0)	8 (0.0)	23 (0.0)
Totals				373 (5.6)	323 (5.0)	41 (0.6)	21 (0.3)	1 (0.0)	5 (0.2)	434 (2.6)	375 (2.3)	809 (2.5)
NEUROLOGICAL—												
Meningitis (H. Influenzae)	...			1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	1 (0.0)
Hydrocephalus (acquired)	...			1 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	3 (0.0)	5 (0.0)
Progressive Muscular Atrophy	...			0 (0.0)	1 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	1 (0.0)	3 (0.0)
Hereditary Spinal Ataxia	...			0 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	0 (0.0)	2 (0.0)
Cerebral Palsy (congenital)	...			7 (0.1)	7 (0.1)	2 (0.0)	6 (0.0)	0 (0.0)	0 (0.0)	13 (0.0)	15 (0.0)	28 (0.0)
Cerebral Palsy (unspecified causes)	...			3 (0.0)	1 (0.0)	3 (0.0)	2 (0.0)	0 (0.0)	1 (0.0)	6 (0.0)	5 (0.0)	11 (0.0)
Epilepsy (Petit Mal)	...			7 (0.1)	8 (0.1)	8 (0.1)	11 (0.1)	1 (0.0)	2 (0.1)	17 (0.1)	22 (0.1)	39 (0.1)
Epilepsy (Grand Mal)	...			5 (0.0)	8 (0.1)	12 (0.1)	8 (0.1)	1 (0.0)	1 (0.0)	20 (0.1)	18 (0.1)	38 (0.1)
Status Epilepticus	...	...		0 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	0 (0.0)	1 (0.0)
Epilepsy (Jacksonian)	...			0 (0.0)	0 (0.0)	3 (0.0)	1 (0.0)	0 (0.0)	1 (0.0)	3 (0.0)	3 (0.0)	6 (0.0)
Migraine	...	...	...	0 (0.0)	0 (0.0)	16 (0.2)	8 (0.1)	2 (0.0)	4 (0.2)	19 (0.1)	14 (0.0)	33 (0.1)
Bell's Palsy	...	...	...	2 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	1 (0.0)	0 (0.0)	3 (0.0)	1 (0.0)	4 (0.0)
Totals				26 (0.3)	27 (0.4)	48 (0.7)	37 (0.5)	5 (0.2)	9 (0.4)	89 (0.5)	82 (0.5)	171 (0.5)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTION

			Entrants		13-Year-Olds		16-Year-Olds		All Ages		Total
			Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
MENTAL RETARDATION—											
Borderline Mental Retardation (following infections) ...			2 (0·0)	1 (0·0)	28 (0·4)	28 (0·4)	1 (0·0)	0 (0·0)	53 (0·3)	43 (0·2)	96 (0·3)
Borderline Mental Retardation (following trauma) ...			0 (0·0)	2 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	4 (0·0)	5 (0·0)
Borderline Mental Retardation (with disorders of metabolism, nutrition and growth) ...			0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Borderline Mental Retardation (associated with diseases and conditions due to (unknown) prenatal influence)			0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)
Borderline Mental Retardation (associated with prematurity)			1 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	3 (0·0)	0 (0·0)	3 (0·0)
Borderline Mental Retardation (with psycho-social (environmental) deprivation)			1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)
Borderline Mental Retardation (other and unspecified) ...			3 (0·0)	1 (0·0)	29 (0·4)	16 (0·2)	0 (0·0)	0 (0·0)	33 (0·2)	18 (0·1)	51 (0·1)
Mild Mental Retardation (following infections) ...			1 (0·0)	2 (0·0)	11 (0·1)	8 (0·1)	0 (0·0)	0 (0·0)	17 (0·1)	23 (0·1)	40 (0·1)
Mild Mental Retardation (following trauma) ...			0 (0·0)	1 (0·0)	5 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	5 (0·0)	1 (0·0)	6 (0·0)
Mild Mental Retardation (with disorders of metabolism, nutrition and growth) ...			0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	2 (0·0)
Mild Mental Retardation (with chromosomal abnormalities)			0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)
Mild Mental Retardation (associated with prematurity)			0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)
Mild Mental Retardation (with psycho-social (environmental) deprivation)			1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	2 (0·0)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH DEFECTS AT ROUTINE MEDICAL INSPECTION

	Entrants		13-Year-Olds		16-Year-Olds		All Ages		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
MENTAL RETARDATION									
<i>Continued—</i>									
Mild Mental Retardation (other and unspecified) ...	1 (0·0)	1 (0·0)	11 (0·1)	14 (0·2)	0 (0·0)	0 (0·0)	12 (0·0)	16 (0·1)	28 (0·0)
Moderate Mental Retardation (following infections) ...	2 (0·0)	3 (0·0)	4 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	6 (0·0)	6 (0·0)	12 (0·0)
Moderate Mental Retardation (following trauma) ...	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)
Moderate Mental Retardation (associated with diseases and conditions due to (unknown) prenatal influences)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)	2 (0·0)
Moderate Mental Retardation (with chromosomal abnormalities)	1 (0·0)	2 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	2 (0·0)	6 (0·0)
Moderate Mental Retardation (associated with prematurity)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)
Moderate Mental Retardation (with psycho-social (environmental) deprivation)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)
Moderate Mental Retardation (other and unspecified) ...	1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Severe Mental Retardation (associated with gross brain disease (post-natal)) ...	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)
Severe Mental Retardation (with chromosomal abnormalities)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	2 (0·0)
Unspecified Mental Retardation (following infections)	0 (0·0)	0 (0·0)	7 (0·1)	4 (0·0)	0 (0·0)	0 (0·0)	7 (0·0)	4 (0·0)	11 (0·0)
Unspecified Mental Retardation (with chromosomal abnormalities)	0 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	1 (0·0)
Totals	15 (0·2)	17 (0·2)	107 (1·5)	76 (1·1)	1 (0·0)	0 (0·0)	154 (0·9)	125 (0·7)	279 (0·8)

TABLE 1—*Continued*

NUMBERS AND PERCENTAGES OF CHILDREN FOUND WITH
DEFECTS AT ROUTINE MEDICAL INSPECTIONS

				Entrants		13-Year-Olds		16-Year-Olds		All Ages		Total
				Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
OTHER DISEASES AND DEFECTS—												
Simple Goitre (unspecified)				0 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	2 (0·0)	2 (0·0)
Cretinism	...	...	...	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	2 (0·0)	1 (0·0)	3 (0·0)
Myxodema	...	...	...	0 (0·0)	0 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	1 (0·0)	0 (0·0)	3 (0·0)	3 (0·0)
Diabetes Mellitus	...	...	...	0 (0·0)	3 (0·0)	2 (0·0)	3 (0·0)	2 (0·0)	3 (0·1)	5 (0·0)	9 (0·0)	14 (0·0)
Vitamin D Deficiency	...	...	...	0 (0·0)	1 (0·0)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	4 (0·0)	4 (0·0)
Malnutrition	...	...	...	9 (0·1)	12 (0·1)	8 (0·1)	9 (0·1)	1 (0·0)	0 (0·0)	18 (0·1)	22 (0·1)	40 (0·1)
Coeliac Disease	...	...	...	12 (0·1)	11 (0·1)	7 (0·1)	2 (0·0)	1 (0·0)	2 (0·1)	20 (0·1)	16 (0·1)	36 (0·1)
Underweight	...	...	...	45 (0·6)	60 (0·9)	35 (0·5)	26 (0·3)	3 (0·1)	2 (0·1)	85 (0·5)	90 (0·5)	175 (0·5)
Obesity	...	...	...	21 (0·3)	52 (0·8)	174 (2·5)	264 (3·8)	42 (2·0)	108 (5·9)	242 (1·5)	434 (2·7)	676 (2·1)
Inguinal Hernia	...	...	...	11 (0·1)	0 (0·0)	2 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	15 (0·0)	0 (0·0)	15 (0·0)
Umbilical Hernia	...	...	...	9 (0·1)	4 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	0 (0·0)	9 (0·0)	4 (0·0)	13 (0·0)
Constipation	...	...	...	2 (0·0)	2 (0·0)	1 (0·0)	1 (0·0)	0 (0·0)	0 (0·0)	3 (0·0)	3 (0·0)	6 (0·0)
Swollen Glands	...	...	...	62 (0·9)	38 (0·5)	10 (0·1)	11 (0·1)	0 (0·0)	0 (0·0)	82 (0·5)	51 (0·3)	133 (0·4)
Debility Undue fatigue	...	...	...	17 (0·2)	13 (0·2)	14 (0·2)	15 (0·2)	0 (0·0)	1 (0·0)	34 (0·2)	29 (0·1)	63 (0·1)
Miscellaneous	...	...	...	80 (1·2)	66 (1·0)	57 (0·8)	63 (0·9)	7 (0·3)	15 (0·8)	154 (0·9)	154 (0·9)	308 (0·9)
Totals				269 (4·0)	263 (4·1)	310 (4·5)	399 (5·7)	57 (2·7)	133 (7·2)	669 (4·1)	822 (5·2)	1,491 (4·6)
ALL DEFECTS—												
Total	...	...	...	5,168 (77·7)	4,750 (74·7)	4,228 (62·1)	4,137 (60·1)	1,187 (57·7)	941 (51·6)	11,093 (68·8)	10,383 (65·8)	21,476 (67·3)

TABLE 2—Continued

[illegible]

Dental Caries	M	13	125	603	570	237	304	4	100	360	332	91	246	5	36	84	57	14	19	24	277	1 086	1 002	367	612	3,368
		13-9	19-4	27-6	30-2	29-8	29-3	2-5	12-1	16-2	17-0	18-1	21-2	4-0	6-3	12-1	12-9	20-0	12-1	6-2	13-1	20-5	22-6	25-5	24-4	20-8
	F	24	140	546	552	231	332	10	57	270	257	96	222	4	26	38	14	7	6	39	235	913	871	349	602	3,009
		17-6	22-9	26-4	30-0	34-4	32-0	4-9	6-4	12-5	13-3	18-5	18-5	2-9	4-5	7-0	4-0	8-4	4-0	7-9	10-9	18-3	20-2	26-0	23-7	19-0
Attrition of teeth	M	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	5
		0-0	0-1	0-0	0-0	0-1	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Disease of Teeth Tissue	M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Dental Abscess	M	0	1	3	0	0	2	0	0	0	2	0	1	0	0	0	0	0	0	0	1	3	2	0	3	9
		0-0	0-1	0-1	0-0	0-0	0-1	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	1	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	3	9
		0-0	0-1	0-0	0-1	0-1	0-2	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Stomatitis	M	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	2	1	1	0	0	4
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	2	0	1	1	4
		0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Cleft Palate	M	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	5
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	5
		0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Hare Lip	M	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Cleft Palate and Hare Lip	M	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	1	3
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Totals	M	13	127	616	572	238	309	4	102	364	336	91	247	5	37	84	59	14	19	24	282	1,098	1,012	368	618	3,402
		13-9	19-7	28-0	30-3	29-9	29-8	2-5	12-3	16-4	17-2	18-1	21-3	4-0	6-5	12-1	13-3	20-0	12-1	6-2	13-4	20-7	22-8	25-6	24-7	21-1
	F	24	141	549	557	234	337	10	57	277	262	97	225	4	26	39	15	7	6	39	236	924	884	353	610	3,046
		17-6	23-0	26-5	30-3	34-8	32-5	4-9	6-4	12-8	13-5	18-7	18-8	2-9	4-5	7-2	4-2	8-4	4-0	7-9	11-0	18-6	20-5	26-3	24-0	19-3

Tonsillar	M	8	52	231	187	98	89	1	8	35	40	17	17	1	1	2	2	0	0	11	68	282	238	118	117	834
Hypertrophy		8-6	8-0	10-5	9-9	12-3	8-5	0-6	0-9	1-5	2-0	3-3	1-4	0-8	0-1	0-2	0-4	0-0	0-0	2-8	3-2	5-3	5-3	8-2	4-6	5-1
	F	12	63	198	178	55	77	5	13	44	32	12	29	1	6	9	2	0	0	19	85	265	230	73	114	786
Chronic		8-8	10-3	9-5	9-6	8-1	7-4	2-4	1-4	2-0	1-6	2-3	2-4	0-7	1-0	1-6	0-5	0-0	0-0	3-8	3-9	5-3	5-3	5-4	4-4	4-9
Pharyngitis	M	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Chronic		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Nasopharyngitis	M	0	1	7	2	3	1	0	4	3	1	0	1	0	0	1	0	0	0	0	5	11	3	3	3	25
		0-0	0-1	0-3	0-1	0-3	0-0	0-0	0-4	0-1	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-2	0-2	0-2	0-2	0-1	0-1
	F	0	0	2	1	2	2	0	1	2	5	0	0	0	0	3	0	0	0	0	1	7	7	1	3	19
Deflected Nasal		0-0	0-0	0-0	0-1	0-1	0-1	0-0	0-1	0-0	0-2	0-0	0-0	0-0	0-0	0-5	0-0	0-0	0-0	0-0	0-0	0-1	0-1	0-0	0-1	0-1
Septum	M	0	0	0	0	0	0	0	1	3	1	1	0	0	2	1	0	0	1	0	3	4	1	1	1	10
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-1	0-0	0-1	0-0	0-0	0-3	0-1	0-0	0-0	0-6	0-0	0-1	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	1	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	3	1	0	1	5
Nasal		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Polyposis	M	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	0	0	0	1	3
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-3	0-0	0-0	0-0	0-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hay Fever		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	M	0	0	1	1	1	0	4	3	10	2	0	3	0	5	2	2	0	0	4	8	13	5	0	3	33
		0-0	0-0	0-0	0-0	0-0	0-0	2-5	0-3	0-4	0-1	0-0	0-2	0-0	0-8	0-2	0-4	0-0	0-0	1-0	0-3	0-2	0-1	0-0	0-1	0-2
	F	1	1	0	0	0	0	2	2	3	2	0	0	0	4	0	2	0	0	3	7	3	4	0	0	17
Congenital		0-7	0-1	0-0	0-0	0-0	0-0	0-9	0-2	0-1	0-1	0-0	0-0	0-0	0-7	0-0	0-5	0-0	0-0	0-6	0-3	0-0	0-0	0-0	0-0	0-1
Anomaly of	M	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Ear		0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Epistaxis		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	M	0	2	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	1	0	1	5
		0-0	0-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
	F	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Total	M	8	63	263	211	109	106	8	30	81	81	25	45	2	35	25	16	0	6	19	135	386	318	138	172	1,168
		8-6	9-7	11-9	11-1	13-7	10-2	5-1	3-6	3-6	4-1	4-9	3-8	1-6	6-1	3-6	3-6	0-0	3-8	4-9	6-4	7-3	7-1	9-6	6-8	7-2
F		15	71	225	206	67	92	7	27	94	80	19	52	2	14	17	6	1	2	25	118	351	314	97	159	1,064
		11-0	11-6	10-8	11-2	9-9	8-8	3-4	3-0	4-3	4-1	3-6	4-3	1-4	2-4	3-1	1-7	1-2	1-3	5-0	5-5	7-0	7-2	7-2	6-2	6-7

TABLE 2—Continued

		ENTRANTS						13-YEAR-OLDS						16-YEAR-OLDS						ALL AGES						Total	
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		
Christmas Disease	M	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allergic Purpura	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic Rheumatic Heart Disease	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4
Fallot's Tetralogy	M	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	1	2	5	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interventricular Septal Defect	M	0	0	6	3	2	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	7	6	2	0	16	0
	F	0	1	3	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	4	1	0	1	8	0
Interatrial Septal Defect	M	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Malformations of Heart	M	0	1	2	2	0	0	0	0	1	2	2	0	2	0	0	0	0	0	0	2	7	4	0	2	15	0
	F	0	1	2	1	0	1	0	0	2	4	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Patent Ductus Arteriosus	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	3	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	3	3	0	0	7	0
TOTALS	M	0	1	10	11	5	4	0	3	11	5	0	7	0	0	3	0	1	0	0	5	24	18	6	11	64	0
	F	1	6	18	11	1	10	2	2	18	12	0	10	1	2	4	2	0	0	4	10	41	26	2	21	104	0
		0.7	0.9	0.8	0.5	0.1	0.9	0.9	0.2	0.8	0.0	0.0	0.8	0.7	0.3	0.7	0.5	0.0	0.0	0.8	0.4	0.8	0.6	0.1	0.8	0.6	0.0

Orthopaedic—

Osteochondrosis of Hip	M	0	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	1	6	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	
Osteochondrosis (Other)	M	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	4	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bunion	M	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	3	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bursitis Synovitis	M	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	0	1	1	0	1	0	1	0	3	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Infective Muositis	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Curvature of Spine (Not Congenital)	M	0	0	2	2	0	0	0	4	18	8	2	5	0	4	5	3	0	1	0	0	0	0	0	0	0	0	0	56
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Flat Foot (Not Congenital)	M	0	4	19	28	10	9	2	10	10	10	1	2	2	6	3	2	1	1	4	20	33	42	12	13	124	124	124	
	F	0	0	6	8	1-4	1-2	0-8	1-2	1-2	0-4	0-5	0-1	0-1	1-6	1-0	0-4	0-4	1-4	0-6	1-0	0-9	0-6	0-9	0-8	0-5	0-7	0-7	
Hallux Valgus (Not Congenital)	M	1	0	0	0	0	1	0	0	0	2	1	0	0	1	2	0	0	0	0	1	1	4	1	0	1	8	0	
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hallux Rigidis etc.	M	1	8	12	11	4	4	1	2	2	0	2	2	0	1	0	1	0	0	0	2	11	15	12	7	8	55	55	
	F	1	1-2	0-5	0-5	0-5	0-3	0-6	0-2	0-0	0-0	0-3	0-1	0-0	0-1	0-0	0-2	0-0	0-0	0-0	0-5	0-5	0-2	0-2	0-4	0-3	0-3	0-3	
		0-7	1-8	0-8	0-5	1-6	0-3	0-0	0-2	0-3	0-4	0-3	0-0	0-0	0-0	0-3	0-0	0-0	0-0	0-0	0-2	0-6	0-5	0-4	0-9	0-2	0-5	0-5	

TABLE 2—Continued

		ENTRANTS						13-YEAR-OLDS						16-YEAR OLDS						ALL AGES						TOTAL
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	
Moderate Mental Retardation (with psychosocial (environmental) deprivation)	M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	F	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Moderate Mental Retardation (other and unspecified)	M	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	F	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Severe Mental Retardation associated with gross brain disease (post natal)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Severe Mental Retardation (with chromosomal abnormalities)	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	2
	F	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
Unspecified Mental Retardation (following infections)	M	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	3	1	0	0	0	0	3	1	3	7
	F	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-1	0-2	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	1	1	2	0	0	0	0	0	1	2	0	0	1	1	2	0	4
		0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-3	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

Mental Retardation—Continued

Swollen Glands	M	0	8	19	11	12	12	12	0	1	4	1	1	3	0	0	0	0	0	0	0	0	1	10	26	13	13	19	82
		0-0	1-2	0-8	0-5	1-5	1-1	1-1	0-0	0-1	0-1	0-0	0-1	0-2	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-2	0-4	0-4	0-2	0-9	0-7	0-5	
	F	9	7	10	5	1	6	1	1	2	3	4	0	1	0	0	0	0	0	0	0	10	9	14	9	2	7	51	
Debility and Undue Fatigue	M	0	3	6	1	2	5	0	0	0	2	3	2	7	0	0	0	0	0	0	0	0	3	8	4	4	15	34	
		0-0	0-4	0-2	0-0	0-2	0-4	0-0	0-0	0-0	0-0	0-1	0-3	0-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-1	0-0	0-2	0-6	0-0	
	F	0	1	3	7	1	1	0	1	1	1	5	1	7	0	0	0	0	0	1	0	2	4	12	2	9	29		
Miscellaneous	M	0	6	31	18	8	19	2	3	18	20	5	9	1	4	2	0	0	0	0	0	3	14	54	41	14	28	154	
		0-0	0-9	1-4	0-9	1-0	1-8	1-2	0-3	0-8	1-0	1-0	0-7	0-8	0-7	0-2	0-0	0-0	0-0	0-0	0-7	0-6	1-0	0-9	0-9	1-1	0-9		
	F	0	5	26	18	5	15	2	6	21	18	4	12	3	4	5	1	0	2	5	15	54	40	9	31	154			
	0-0	0-8	1-2	0-9	0-7	1-4	0-9	0-9	0-6	0-9	0-9	0-7	1-0	2-2	0-7	0-9	0-2	0-0	1-3	1-0	0-7	1-0	0-7	1-0	0-9	0-6	1-2	0-9	
TOTAL	M	3	22	94	59	34	59	4	43	93	91	25	54	5	14	18	15	0	5	13	82	215	171	171	61	127	669		
		3-2	3-4	4-2	3-1	4-2	5-7	2-5	5-2	4-2	4-6	4-9	4-6	4-0	2-4	2-5	3-4	0-0	3-2	3-3	3-9	4-0	3-8	4-2	5-0	4-1			
	F	15	21	75	71	25	59	6	43	113	143	31	63	8	42	40	28	5	10	29	108	237	247	62	139	822			
	11-0	3-4	3-6	3-8	3-7	5-7	2-9	4-8	5-2	7-4	5-9	5-2	5-2	5-9	7-3	7-4	8-0	6-0	6-7	5-9	5-0	4-7	5-7	4-6	5-4	5-2			
All Defects TOTALS	M	54	412	1,614	1,507	698	883	63	441	1,326	1,189	354	855	61	307	396	275	46	102	185	1,207	3,456	3,102	1,159	1,984	11,093			
		58-0	64-0	73-4	79-8	87-9	85-3	40-3	53-5	59-9	60-9	70-6	73-7	48-8	53-9	57-1	62-3	65-7	65-3	48-3	57-4	65-4	70-1	80-8	79-3	68-8			
	F	91	393	1,427	1,345	599	895	79	433	1,244	1,174	352	855	79	309	275	163	48	67	256	1,177	3,102	2,818	1,058	1,972	10,383			
	66-9	64-3	69-0	73-2	89-2	86-3	38-9	49-2	57-5	60-8	68-0	71-5	58-5	54-4	51-1	46-5	57-8	45-2	52-1	55-0	62-4	65-4	79-0	77-7	65-8				

TABLE 3
AVERAGE MEASUREMENTS OF SCHOOL CHILDREN RELATED TO SOCIAL CLASS

	5 YEAR-OLDS		13-YEAR-OLDS		16-YEAR-OLDS		ALL AGES	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	Height	Weight	Height	Weight	Height	Weight	Height	Weight
Social Class 1 (Professional) ...	93	136	156	203	125	135	383	491
	43·7	44·3	62·1	61·5	67·9	64·2		
Social Class 2 (Intermediate) ...	643	611	824	879	569	568	2,100	2,138
	43·1	43·4	62·4	61·2	67·7	63·6		
Social Class 3 (Skilled) ...	2,198	2,066	2,213	2,160	693	538	5,279	4,967
	42·7	42·4	60·1	60·3	67·0	62·8		
Social Class 4 (Semi-Skilled) ...	1,887	1,837	1,950	1,929	441	350	4,424	4,306
	42·5	42·1	60·0	60·1	67·3	62·7		
Social Class 5 (Unskilled) ...	794	671	501	517	70	83	1,434	1,339
	42·1	41·3	59·4	59·7	66·3	62·2		
Social Class 6 (Other and not known)	1,035	1,036	1,159	1,195	156	148	2,500	2,536
	42·7	41·9	60·2	59·3	67·2	62·5		
TOTAL NUMBERS EXAMINED ...	6,650	6,357	6,803	6,883	2,054	1,822	16,120	15,777
	42·6	42·2	60·3	60·2	67·3	63·1		

TABLE 4
AVERAGE MEASUREMENTS OF SCHOOL CHILDREN BY POSITION IN FAMILY

[illegible]

TABLE 5
AVERAGE MEASUREMENTS OF SCHOOL CHILDREN IN MONTHS BEYOND YEAR OF AGE

Average Months Beyond Age Months Beyond Age—	5 YEAR OLDS				13 YEAR OLDS				16 YEAR OLDS			
	Boys		Girls		Boys		Girls		Boys		Girls	
	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight	Height	Weight
	4-3		4-8		5-3		5-0		4-5		4-7	
0 - 1 Months ...	41.7	40.5	41.3	39.8	58.6	88.8	58.8	100.3	66.3	126.8	62.6	119.4
1 - 2 Months ...	41.9	41.3	41.7	40.0	58.7	92.0	59.5	100.5	66.7	128.3	63.2	121.4
2 - 3 Months ...	42.2	41.5	41.9	40.3	58.9	91.5	59.6	99.7	66.5	127.9	62.9	120.0
3 - 4 Months ...	42.3	41.8	41.7	40.3	60.2	96.2	59.6	100.1	67.2	134.2	63.1	120.8
4 - 5 Months ...	42.5	42.0	42.2	40.9	59.5	94.4	60.1	101.6	67.2	132.9	63.5	124.9
5 - 6 Months ...	42.7	42.7	42.2	40.8	59.7	96.4	60.0	102.0	67.1	132.8	63.0	122.9
6 - 7 Months ...	42.6	42.3	43.2	42.1	62.5	100.2	60.4	104.7	67.5	136.0	63.1	123.1
7 - 8 Months ...	43.8	43.6	42.7	42.3	60.1	97.0	60.1	103.1	68.1	133.5	63.3	123.3
8 - 9 Months ...	43.2	43.2	43.0	42.2	60.2	98.7	60.4	104.3	67.5	137.9	62.9	125.1
9 - 10 Months ...	43.6	43.8	43.1	42.3	60.2	98.6	60.6	103.9	67.5	135.2	63.1	122.0
10 - 11 Months ...	43.6	44.1	43.4	43.3	61.8	101.0	60.4	104.3	68.3	137.9	63.6	125.0
11 - 12 Months ...	43.8	44.6	43.5	43.9	61.0	102.5	60.7	105.8	68.2	137.7	62.9	122.9

TABLE 6
ADDITIONAL INFORMATION REGARDING RESULTS OF SYSTEMATIC EXAMINATIONS
(PERCENTAGES IN BRACKETS)

	ENTRANTS		13 YEAR OLD		16 YEAR OLDS		ALL AGES		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Parents Present at Examination	6,144 (93.1)	5,872 (92.8)	931 (13.7)	917 (13.3)	43 (2.0)	47 (2.5)	7,509 (46.8)	7,280 (46.3)	14,789 (46.5)
Parents notified of defects requiring treatment	3,090 (46.8)	2,872 (45.4)	2,672 (39.4)	2,478 (36.1)	790 (38.5)	526 (28.9)	6,850 (42.7)	6,219 (39.6)	13,069 (41.1)
Children noted for re-inspection as "at risk" cases	693 (10.5)	700 (11.0)	731 (10.7)	831 (12.1)	182 (8.8)	255 (14.0)	1,668 (10.4)	1,862 (11.8)	3,530 (11.1)
Children free from defects in terms of Table 7—									
(a) No recorded defect	2,692 (40.7)	2,673 (42.2)	3,316 (48.9)	3,470 (50.6)	1,048 (51.1)	999 (54.9)	7,284 (45.4)	7,432 (47.3)	14,716 (46.3)
(b) Defects of Clothing only	8 (0.1)	2 (0.0)	10 (0.1)	5 (0.0)	1 (0.0)	0 (0.0)	21 (0.1)	7 (0.0)	28 (0.0)
(c) Defects of Cleanliness only	59 (0.8)	103 (1.6)	144 (2.1)	294 (4.2)	10 (0.4)	6 (0.3)	222 (1.3)	422 (2.6)	644 (2.0)
(d) Minor Dental Defects	952 (14.4)	1,007 (15.9)	733 (10.8)	555 (8.1)	111 (5.4)	49 (2.6)	1,872 (11.6)	1,713 (10.9)	3,585 (11.2)
Teeth—Sound	4,532 (68.6)	4,329 (68.4)	5,511 (81.3)	5,842 (85.2)	1,809 (88.2)	1,698 (93.3)	12,282 (76.6)	12,386 (78.8)	24,668 (77.7)
One to Four Decayed	1,704 (25.8)	1,687 (26.6)	1,193 (17.6)	944 (13.7)	232 (11.3)	111 (6.1)	3,280 (20.4)	2,910 (18.5)	6,190 (19.5)
Five or More Decayed	363 (5.5)	305 (4.8)	70 (1.0)	65 (0.9)	8 (0.3)	9 (0.4)	471 (2.9)	408 (2.5)	879 (2.7)

Visual Acuity—Good 6/6	...	...	...	6,239 (94.5)	5,962 (94.3)	5,928 (87.5)	5,850 (85.3)	1,771 (86.4)	1,524 (83.8)	14,486 (90.3)	13,980 (89.0)	28,460 (89.6)
Fair 6/9, 6/12	...	...	...	308 (4.6)	319 (5.0)	655 (9.6)	805 (11.7)	225 (10.9)	239 (13.1)	1,241 (7.7)	1,424 (9.0)	2,665 (8.3)
Bad 6/18, etc.	...	...	...	52 (0.7)	40 (0.6)	191 (2.8)	196 (2.8)	53 (2.5)	55 (3.0)	306 (1.9)	300 (1.9)	606 (1.9)
Diphtheria Immunisation—Partial	...	...	...	172 (2.6)	120 (1.8)	64 (0.9)	49 (0.7)	4 (0.1)	5 (0.2)	252 (1.5)	191 (1.2)	442 (1.3)
Completed	...	...	...	5,805 (87.9)	5,664 (89.6)	6,365 (93.9)	6,459 (94.2)	1,996 (97.4)	1,776 (97.6)	14,682 (91.5)	14,511 (92.4)	29,193 (91.9)
Not immunised	...	...	...	622 (9.4)	537 (8.4)	345 (5.0)	343 (5.0)	49 (2.3)	37 (2.0)	1,099 (6.8)	1,002 (6.3)	2,101 (6.6)
Smallpox Vaccination—Successful	...	...	...	2,757 (41.7)	2,765 (43.7)	3,783 (55.8)	3,903 (56.9)	1,602 (78.1)	1,465 (80.5)	8,409 (52.4)	8,454 (53.8)	16,863 (53.1)
Successful ... Revaccination	...	...	...	25 (0.3)	24 (0.3)	42 (0.6)	34 (0.4)	14 (0.6)	7 (0.3)	87 (0.5)	72 (0.4)	159 (0.5)
Unsuccessful or none	...	...	...	3,817 (57.8)	3,532 (55.8)	2,949 (43.5)	2,914 (42.5)	433 (21.1)	346 (19.0)	7,537 (47.0)	7,178 (45.7)	14,715 (46.3)
Tuberculin Test—Negative	...	...	...	566 (8.5)	598 (9.4)	147 (2.1)	128 (1.8)	21 (1.0)	20 (1.1)	794 (4.9)	802 (5.1)	1,596 (5.0)
Positive	...	...	...	3 (0.0)	3 (0.0)	185 (2.7)	198 (2.8)	63 (3.0)	81 (4.4)	257 (1.6)	287 (1.8)	544 (1.7)
B.C.G. Vaccination	...	...	...	4,855 (73.5)	4,655 (73.6)	5,552 (81.9)	5,609 (81.8)	1,904 (92.9)	1,648 (90.6)	12,723 (79.3)	12,436 (79.1)	25,159 (79.2)
Colour Vision—Positive	...	...	...	6,414 (97.1)	6,271 (99.2)	6,468 (95.4)	6,827 (99.6)	1,968 (96.0)	1,808 (99.4)	15,442 (96.3)	15,615 (99.4)	31,057 (97.8)
Negative	...	...	...	185 (2.8)	50 (0.7)	306 (4.5)	24 (0.3)	81 (3.9)	10 (0.5)	591 (3.6)	89 (0.5)	680 (2.1)

TABLE 7
NUMBERS AND PERCENTAGES OF CHILDREN IN ORDINARY SCHOOLS PLACED IN VARIOUS
MEDICAL CLASSES ACCORDING TO THE REMEDIABILITY OF THE MAJOR DEFECTS FOUND
IN THE INDIVIDUAL CHILD

	ENTRANTS		13 YEAR OLDS		16 YEAR OLDS		ALL AGES		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
I Free from defect or having defect of clothing, cleanliness and/or minor defects of teeth only.	3,711 (56.2)	3,785 (59.8)	4,203 (62.0)	4,324 (63.1)	1,170 (57.1)	1,054 (57.9)	9,399 (58.6)	9,574 (60.9)	18,973 (59.7)
II Having one or more minor defects of vision and/or dental defects requiring treatment ...									
(a) Vision not worse than 6/12 in the better eye with or without glasses, or... ..	80 (1.2)	101 (1.5)	160 (2.3)	222 (3.2)	61 (2.9)	56 (3.0)	311 (1.9)	391 (2.4)	702 (2.2)
(b) Oral Sepsis	212 (3.2)	209 (3.3)	45 (0.6)	37 (0.5)	6 (0.2)	4 (0.2)	286 (1.7)	270 (1.7)	556 (1.7)
(c) Both (a) and (b)	3 (0.0)	9 (0.1)	1 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	4 (0.0)	11 (0.0)	15 (0.0)
TOTALS	295 (4.4)	319 (5.0)	206 (3.0)	261 (3.8)	67 (3.2)	60 (3.3)	601 (3.7)	672 (4.2)	1,273 (4.0)
III Having one or more defects other than above from which complete recovery is anticipated in a few weeks ("temporary" defects) ...	1,424 (21.5)	1,302 (20.5)	1,250 (18.4)	1,403 (20.4)	569 (27.7)	469 (25.7)	3,373 (21.0)	3,316 (21.1)	6,689 (21.0)

MEDICAL CLASSIFICATION—

TABLE 9

CHILDREN IN ORDINARY SCHOOLS PLACED IN CERTAIN MEDICAL "REMEDIALITY"
CLASSES ARRANGED ACCORDING TO NUMBER OF APARTMENTS IN THEIR HOUSES

(PERCENTAGES IN BRACKETS)

	5 YEAR OLDS					13 YEAR OLDS					16 YEAR OLDS					ALL AGES				
	III	IV	V	III	IV	V	III	IV	V	III	IV	V	III	IV	V	III	IV	V		
One Apartment	37 (18.5)	34 (17.0)	0 (0.0)	17 (30.3)	3 (5.3)	1 (1.7)	1	0 (0.0)	0 (0.0)	60 (20.9)	42 (14.6)	1 (0.3)	1	0 (0.0)	0 (0.0)	60 (20.9)	42 (14.6)	1 (0.3)		
Two Apartments	425 (20.7)	331 (16.1)	2 (0.0)	170 (18.5)	132 (14.3)	7 (0.7)	25 (21.9)	11 (9.6)	1 (0.8)	653 (20.1)	508 (15.6)	11 (0.3)	11	11 (9.6)	1 (0.8)	653 (20.1)	508 (15.6)	11 (0.3)		
Three Apartments	1,162 (21.2)	887 (16.2)	16 (0.2)	900 (18.9)	677 (14.2)	30 (0.6)	275 (26.2)	121 (11.5)	3 (0.2)	2,442 (20.7)	1,781 (15.1)	63 (0.5)	3	3 (0.2)	3 (0.2)	2,442 (20.7)	1,781 (15.1)	63 (0.5)		
Four Apartments	790 (21.0)	578 (15.3)	11 (0.2)	1,035 (19.1)	723 (13.3)	48 (0.8)	379 (27.8)	153 (11.2)	2 (0.1)	2,302 (21.0)	1,521 (13.8)	74 (0.6)	2	2 (0.1)	2 (0.1)	2,302 (21.0)	1,521 (13.8)	74 (0.6)		
Five or More Apartments	299 (20.2)	215 (14.5)	2 (0.1)	505 (19.4)	324 (12.4)	16 (0.6)	354 (26.2)	184 (13.6)	2 (0.1)	1,189 (21.1)	754 (13.4)	21 (0.3)	2	2 (0.1)	2 (0.1)	1,189 (21.1)	754 (13.4)	21 (0.3)		
TOTAL	2,713 (20.9)	2,045 (15.7)	31 (0.2)	2,627 (19.1)	1,859 (13.5)	102 (0.7)	1,034 (26.6)	469 (12.1)	8 (0.2)	6,646 (20.8)	4,606 (14.4)	170 (0.5)	8	8 (0.2)	8 (0.2)	6,646 (20.8)	4,606 (14.4)	170 (0.5)		

TABLE 10—Continued

<i>Four Apartments—</i>										
Children Examined	...	...	1,949 (29.4)	1,805 (28.4)	2,723 (39.9)	2,665 (38.6)	749 (36.4)	613 (33.6)	5,617 (34.8)	5,312 (33.6)
Inmates + 10	...	...	6,290 (3.2)	5,884 (3.2)	13,196 (4.8)	12,780 (4.7)	3,362 (4.4)	2,805 (4.5)	23,561 (4.1)	22,362 (4.2)
Inmates - 10	...	...	5,520 (2.8)	5,071 (2.8)	3,173 (1.1)	3,036 (1.1)	405 (0.5)	289 (0.4)	9,564 (1.7)	8,914 (1.6)
TOTAL	...	...	11,810 (6.0)	10,955 (6.0)	16,369 (6.0)	15,816 (5.9)	3,767 (5.0)	3,094 (5.0)	33,125 (5.8)	31,276 (5.8)
<i>Five or More Apartments—</i>										
Children Examined	...	...	...	708 (10.7)	769 (12.1)	1,275 (18.6)	662 (32.2)	688 (37.7)	2,735 (16.9)	2,884 (18.2)
Inmates + 10	...	...	...	2,551 (3.6)	2,638 (3.4)	6,706 (5.2)	3,197 (4.8)	3,221 (4.6)	12,846 (4.6)	13,166 (4.5)
Inmates - 10	...	...	...	1,903 (2.6)	2,100 (2.7)	1,419 (1.1)	330 (0.4)	365 (0.5)	3,828 (1.3)	4,109 (1.4)
TOTAL	...	...	...	4,454 (6.2)	4,738 (6.1)	8,125 (6.3)	3,527 (5.3)	3,586 (5.2)	16,674 (6.0)	17,275 (5.9)
<i>Totals—</i>										
Children Examined	...	...	...	6,613 (99.9)	6,339 (99.9)	6,786 (99.4)	2,053 (100.0)	1,821 (100.0)	16,058 (99.7)	15,743 (99.8)
Inmates + 10	...	...	...	18,711 (2.8)	17,985 (2.8)	31,340 (4.6)	9,085 (4.4)	8,047 (4.4)	61,165 (3.8)	59,950 (3.8)
Inmates - 10	...	...	...	17,451 (2.6)	16,728 (2.6)	7,206 (1.0)	966 (0.4)	860 (0.4)	26,981 (1.6)	26,304 (1.6)
TOTAL	...	...	...	36,162 (5.4)	34,713 (5.4)	38,546 (5.6)	10,051 (4.8)	8,907 (4.8)	88,146 (5.4)	86,254 (5.4)

TABLE 10—Continued

SPECIAL SCHOOLS—		5 YEAR OLDS	13 YEAR	16 YEAR	ALL AGES
		Boys	Boys	Boys	Boys
		Girls	Girls	Girls	Girls
<i>One Apartment—</i>					
Children Examined	...	0 (0-0)	1 (0-0)	0 (0-0)	1 (0-0)
Inmates + 10	...	0 (0-0)	3 (3-0)	0 (0-0)	3 (3-0)
Inmates - 10	...	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)
TOTAL	...	0 (0-0)	3 (3-0)	0 (0-0)	3 (3-0)
<i>Two Apartments—</i>					
Children Examined	...	0 (0-0)	11 (0-1)	0 (0-0)	11 (0-0)
Inmates + 10	...	0 (0-0)	45 (4-0)	0 (0-0)	45 (4-0)
Inmates - 10	...	0 (0-0)	11 (1-0)	0 (0-0)	11 (1-0)
TOTAL	...	0 (0-0)	56 (5-0)	0 (0-0)	56 (5-0)
<i>Three Apartments—</i>					
Children Examined	...	0 (0-0)	12 (0-1)	0 (0-0)	12 (0-0)
Inmates + 10	...	0 (0-0)	55 (4-5)	0 (0-0)	55 (4-5)
Inmates - 10	...	0 (0-0)	12 (1-0)	0 (0-0)	12 (1-0)
TOTAL	...	0 (0-0)	67 (5-5)	0 (0-0)	67 (5-5)

Four Apartments—

Children Examined	...	...	2 (0.0)	1 (0.0)	9 (0.1)	11 (0.1)	0 (0.0)	0 (0.0)	13 (0.0)	12 (0.0)
Inmates + 10	...	...	5 (2.5)	2 (2.0)	44 (4.8)	43 (3.9)	0 (0.0)	0 (0.0)	56 (4.3)	45 (3.7)
Inmates - 10	...	...	6 (3.0)	3 (3.0)	16 (1.7)	9 (0.8)	0 (0.0)	0 (0.0)	23 (1.7)	12 (1.0)
TOTAL	...	...	11 (5.5)	5 (5.0)	60 (6.6)	52 (4.7)	0 (0.0)	0 (0.0)	79 (6.0)	57 (4.7)

Five or More Apartments—

Children Examined	...	...	0 (0.0)	0 (0.0)	2 (0.0)	2 (0.0)	0 (0.0)	0 (0.0)	2 (0.0)	2 (0.0)
Inmates + 10	...	...	0 (0.0)	0 (0.0)	15 (7.5)	9 (4.5)	0 (0.0)	0 (0.0)	15 (7.5)	9 (4.5)
Inmates - 10	...	...	0 (0.0)	0 (0.0)	1 (0.5)	4 (2.0)	0 (0.0)	0 (0.0)	1 (0.5)	4 (2.0)
TOTAL	...	...	0 (0.0)	0 (0.0)	16 (8.0)	13 (6.5)	0 (0.0)	0 (0.0)	16 (8.0)	13 (6.5)

Totals—

Children Examined	...	...	2 (0.0)	1 (0.0)	35 (0.5)	29 (0.4)	0 (0.0)	0 (0.0)	40 (0.2)	30 (0.1)
Inmates + 10	...	...	5 (2.5)	2 (2.0)	162 (4.6)	117 (4.0)	0 (0.0)	0 (0.0)	178 (4.4)	119 (3.9)
Inmates - 10	...	...	6 (3.0)	3 (3.0)	40 (1.1)	31 (1.0)	0 (0.0)	0 (0.0)	48 (1.2)	34 (1.1)
TOTAL	...	...	11 (5.5)	5 (5.0)	202 (5.7)	148 (5.1)	0 (0.0)	0 (0.0)	226 (5.6)	153 (5.1)

ORDINARY AND SPECIAL SCHOOLS—

Totals—

Children Examined	...	...	6,615 (100.0)	6,340 (100.0)	6,821 (100.0)	6,900 (100.0)	2,053 (100.0)	1,821 (100.0)	16,098 (100.0)	15,773 (100.0)
Inmates + 10	...	...	18,716 (2.8)	17,987 (2.8)	31,502 (4.6)	31,535 (4.5)	9,085 (4.4)	8,047 (4.4)	61,343 (3.8)	60,069 (3.8)
Inmates - 10	...	...	17,457 (2.6)	16,731 (2.6)	7,246 (1.0)	7,179 (1.0)	966 (0.4)	860 (0.4)	27,029 (1.6)	26,338 (1.6)
TOTAL	...	...	36,173 (5.4)	34,718 (5.4)	38,748 (5.6)	38,714 (5.6)	10,051 (4.8)	8,907 (4.8)	88,372 (5.4)	86,407 (5.4)

TABLE II

CHILDREN IN ORDINARY SCHOOLS ARRANGED ACCORDING TO REMEDIABILITY,
OVERCROWDING AND OCCUPANCY
(PERCENTAGES IN BRACKETS)

<i>Not Overcrowded—</i>	5 YEAR OLDS			13 YEAR OLDS			16 YEAR OLDS			ALL AGES					
	I, II	III	IV, V	I, II	III	IV, V	I, II	III	IV, V	I, II	III	IV, V			
Landlord	104 (65.0)	31 (19.3)	25 (15.6)	61 (67.7)	15 (16.6)	14 (15.5)	29 (59.1)	15 (30.6)	5 (10.2)	205 (65.7)	62 (19.8)	45 (14.4)
Tenant	6,591 (62.9)	2,197 (20.9)	1,675 (16.0)	7,470 (66.8)	2,113 (18.9)	1,588 (14.2)	2,169 (61.1)	944 (26.5)	436 (12.2)	16,854 (64.2)	5,466 (20.8)	3,904 (14.8)
Lodger	122 (67.7)	31 (17.2)	27 (15.0)	33 (68.7)	10 (20.8)	5 (10.4)	10 (83.3)	2 (16.6)	0 (0.0)	176 (66.6)	49 (18.5)	39 (14.7)
Institute	6 (66.6)	2 (22.2)	1 (11.1)	3 (50.0)	3 (50.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	10 (62.5)	5 (31.2)	1 (6.2)
TOTAL	6,823 (63.1)	2,261 (20.9)	1,728 (15.9)	7,567 (66.8)	2,141 (18.9)	1,607 (14.2)	2,208 (61.1)	961 (26.6)	441 (12.2)	17,245 (64.3)	5,582 (20.8)	3,989 (14.8)

TABLE 11—Continued

	5 YEAR OLDS			13 YEAR OLDS			16 YEAR OLDS			ALL AGES		
	I, II	III	IV, V	I, II	III	IV, V	I, II	III	IV, V	I, II	III	IV, V
<i>Moderately Overcrowded—</i>												
Landlord ...	18 (62.0)	6 (20.6)	5 (17.2)	10 (66.6)	3 (20.0)	2 (13.3)	0 (0.0)	1 (0.0)	0 (0.0)	29 (59.1)	12 (24.4)	8 (16.3)
Tenant ...	977 (62.9)	328 (21.1)	247 (15.9)	1,043 (63.2)	348 (21.1)	257 (15.5)	115 (57.5)	58 (29.0)	27 (13.5)	2,220 (62.5)	766 (21.5)	562 (15.8)
Lodger ...	18 (46.1)	12 (30.7)	9 (23.0)	7 (87.5)	1 (12.5)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	33 (55.9)	16 (27.1)	10 (16.9)
Institute ...	2 (50.0)	1 (25.0)	1 (25.0)	1 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	4 (66.6)	1 (16.6)	1 (16.6)
TOTAL ...	1,015 (62.5)	347 (21.3)	262 (16.1)	1,061 (63.4)	352 (21.0)	259 (15.4)	116 (57.4)	59 (29.2)	27 (13.3)	2,286 (62.4)	795 (21.7)	581 (15.8)
<i>Much Overcrowded—</i>												
Landlord ...	6 (0.0)	0 (0.0)	0 (0.0)	6 (85.7)	1 (14.2)	0 (0.0)	1 (0.0)	0 (0.0)	0 (0.0)	15 (93.7)	1 (6.2)	0 (0.0)
Tenant ...	291 (63.5)	90 (19.6)	77 (16.8)	426 (65.3)	132 (20.2)	94 (14.4)	37 (61.6)	14 (23.3)	9 (15.0)	789 (63.8)	251 (20.3)	196 (15.8)
Lodger ...	26 (53.0)	15 (30.6)	8 (16.3)	9 (81.8)	1 (9.0)	1 (9.0)	1 (0.0)	0 (0.0)	0 (0.0)	41 (61.1)	17 (25.3)	9 (13.4)
Institute ...	2 (66.6)	0 (0.0)	1 (33.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	3 (75.0)	0 (0.0)	1 (25.0)
TOTAL ...	325 (62.9)	105 (20.3)	86 (16.6)	441 (65.8)	134 (20.0)	95 (14.1)	39 (62.9)	14 (22.5)	9 (14.5)	848 (64.0)	269 (20.3)	206 (15.5)
<i>Totals—</i>												
Landlord ...	128 (65.6)	37 (18.9)	30 (15.3)	77 (68.7)	19 (16.9)	16 (14.2)	30 (58.8)	16 (31.3)	5 (9.8)	249 (66.0)	75 (19.8)	53 (14.0)
Tenant ...	7,859 (63.0)	2,615 (20.9)	1,999 (16.0)	8,939 (66.3)	2,593 (19.2)	1,939 (14.3)	2,321 (60.9)	1,016 (26.6)	472 (12.3)	19,863 (64.0)	6,483 (20.9)	4,662 (15.0)

Lodger	...	166 (61.9)	58 (21.6)	44 (16.4)	49 (73.1)	12 (17.9)	6 (8.9)	12 (85.7)	2 (14.2)	0 (0.0)	250 (64.1)	82 (21.0)	58 (14.8)
Institute	...	10 (62.5)	3 (18.7)	3 (18.7)	4 (57.1)	3 (42.8)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	17 (65.3)	6 (23.0)	3 (11.5)
TOTAL ALL GROUPS		8,163 (63.0)	2,713 (20.9)	2,076 (16.0)	9,069 (66.4)	2,627 (19.2)	1,961 (14.3)	2,363 (60.9)	1,034 (26.6)	477 (12.3)	20,379 (64.0)	6,646 (20.8)	4,776 (15.0)

The standards of occupancy for assessment of overcrowding adopted for the purposes of this Table and

Table 12 were based on the Housing Acts and were as follows :—

Not overcrowded : one apartment, 2 adults ; two apartments, 3 adults ; three apartments, 5 adults ; four apartments, 7½ adults ; five apartments, 10 adults ; Children under 10 years of age were each taken as half-an-adult, two of such children being regarded as the equivalent of one adult.

TABLE 12
HEIGHTS AND WEIGHTS OF 5-YEAR OLD BOYS IN ORDINARY SCHOOLS ARRANGED
ACCORDING TO NUMBERS OF APARTMENTS AND INMATES IN THEIR HOUSES

Number of Inmates—	1 APARTMENT		2 APARTMENTS		3 APARTMENTS		4 APARTMENTS		5 OR MORE APARTMENTS			
	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)		
1.5	13	42.5	10	44.4	8	49.0	3	48.3	1	40.0
2.0	41.9	42.5	43.3	44.4	44.8	49.0	44.1	48.3	40.0	40.0
2.5	10	42.7	29	43.8	37	43.9	5	43.4	3	41.5
3.0	42.4	42.7	42.8	43.8	43.0	43.9	44.0	43.4	42.5	41.5
2.5	13	41.1	110	42.3	219	42.4	59	44.3	26	43.5
3.0	41.7	41.5	42.7	42.3	42.6	42.4	43.4	44.3	43.1	43.5
3.0	19	41.5	293	42.1	786	42.7	250	43.3	138	43.8
3.0	42.0	41.5	42.5	42.1	42.8	42.7	43.1	43.3	43.5	43.8

TABLE 12—Continued

3.5	...	...	...	20	41.9	222	668	304	100
				42.7	41.8	42.4	42.5	42.6	43.3
4.0	...	...	...	13	39.2	162	363	315	54
				41.3	40.8	41.9	42.4	42.3	43.8
4.5	...	...	...	1	43.0	86	231	270	72
				42.0	41.8	42.0	42.4	42.4	43.1
5.0	...	...	...	7	42.0	49	152	184	56
				42.8	41.5	42.3	42.1	42.1	42.9
5.5	...	...	...	1	44.0	48	135	157	37
				47.0	41.3	42.0	42.4	42.2	43.0
6.0	...	...	...	2	45.5	18	70	127	32
				43.7	42.1	42.5	42.4	42.2	42.0
6.5	...	...	...	1	42.5	21	41	68	44
				42.0	37.7	40.8	41.5	42.4	42.7
7.0	...	...	...	0	0.0	7	30	67	38
				0.0	41.4	42.9	41.4	42.0	41.8
7.5	...	...	...	0	0.0	3	13	60	33
				0.0	39.3	40.6	42.0	41.8	42.4
8.0	...	...	...	0	0.0	4	14	31	31
				0.0	45.6	43.7	43.0	42.1	41.9
8.5	...	...	...	0	0.0	5	7	21	15
				0.0	40.5	41.6	42.0	42.2	42.9
9.0	...	...	...	0	0.0	4	4	17	9
				0.0	39.3	41.1	42.1	42.2	42.0
9.5	...	...	...	0	0.0	1	4	3	8
				0.0	49.5	42.0	42.1	41.6	41.0
10 +	...	...	...	0	0.0	0	2	8	11
				0.0	0.0	0.0	41.7	40.9	42.9
TOTAL	...	...	...	100	1,072	2,784	1,949	708	42.4

TABLE 13
HEIGHTS AND WEIGHTS OF 5-YEAR-OLD GIRLS IN ORDINARY SCHOOLS ARRANGED ACCORDING TO
NUMBERS OF APARTMENTS AND INMATES IN THEIR HOUSES

	1 APARTMENT		2 APARTMENTS		3 APARTMENTS		4 APARTMENTS		5 OR MORE APARTMENTS	
	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)
<i>Number of Inmates—</i>										
1.5	...	...	...	...	...	...	...	...	...	...
	9	40.8	15	42.9	12	42.7	2	39.0	0	0.0
	42.8		43.7		42.5		41.5		0.0	
2.0	...	...	...	...	...	...	...	...	...	...
	9	41.7	20	40.5	36	42.4	9	44.7	2	38.0
	43.0		41.5		42.6		43.6		41.0	
2.5	...	...	...	...	...	...	...	...	...	...
	10	39.0	112	41.6	222	41.9	61	43.0	30	45.0
	40.9		42.3		42.6		43.3		43.6	
3.0	...	...	...	...	...	...	...	...	...	...
	18	40.7	260	40.9	719	41.7	236	42.1	132	44.2
	41.9		42.2		42.5		43.0		43.6	
3.5	...	...	...	...	...	...	...	...	...	...
	14	40.0	221	40.6	611	41.1	257	41.5	147	42.9
	42.0		42.1		42.3		42.4		43.4	
4.0	...	...	...	...	...	...	...	...	...	...
	15	39.4	126	40.6	354	41.0	271	41.1	87	43.3
	41.5		41.9		42.1		42.4		43.3	
4.5	...	...	...	...	...	...	...	...	...	...
	8	39.8	81	40.4	268	40.6	250	41.2	67	42.8
	41.2		42.0		42.0		42.2		43.1	

TABLE 13—Continued

5.0	...	...	...	1	42.5	46.5	41.2	41	165	41.9	40.2	196	42.2	41.0	43.1	53	41.9
5.5	...	...	...	6	41.4	38.3	41.4	27	120	42.1	40.5	128	41.9	40.9	42.8	49	41.9
6.0	...	...	...	3	40.0	37.6	41.1	29	70	42.2	41.8	143	41.9	40.2	42.5	44	41.1
6.5	...	...	...	1	39.5	33.0	41.5	17	46	41.6	40.7	81	41.6	40.3	42.8	32	42.8
7.0	...	...	...	3	41.6	38.3	41.9	12	25	40.9	39.8	54	41.2	39.6	41.7	30	39.9
7.5	...	...	...	1	46.0	33.0	41.1	7	20	41.3	38.8	37	41.5	40.2	42.0	26	40.0
8.0	...	...	...	1	43.5	42.5	40.8	4	12	41.0	39.1	28	42.0	40.5	42.4	20	41.2
8.5	...	...	...	0	0.0	0.0	41.0	1	5	41.8	40.4	16	41.9	39.1	41.7	14	39.4
9.0	...	...	...	0	0.0	0.0	40.0	1	3	42.8	45.0	16	42.0	41.3	41.7	16	41.2
9.5	...	...	...	0	0.0	0.0	0.0	0	1	43.0	42.0	7	42.5	40.2	42.3	4	42.7
10 +	...	...	...	0	0.0	0.0	35.0	1	2	36.0	28.0	13	41.8	40.8	41.5	16	40.0
TOTAL	...	...	...	99			975		2,691			1,805				769	

Tables 12 and 13—

N.B. For the purpose of Table 11, the groups above the heavy lines are regarded as not overcrowded, those within the lines as moderately overcrowded and those below the lines as much overcrowded.

TABLE 14

AVERAGE HEIGHTS AND WEIGHTS OF CHILDREN ARRANGED ACCORDING TO NUMBER
OF APARTMENTS IN THEIR HOUSES

	5-YEAR-OLDS				13-YEAR-OLDS				16-YEAR-OLDS				ALL AGES	
	BOYS		GIRLS		BOYS		GIRLS		BOYS		GIRLS		BOYS	GIRLS
	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)
<i>Ordinary Schools—</i>														
One Apartment ...	100 42.2	41.6	99 41.8	39.9	22 59.2	93.0	33 59.7	98.4	1 68.0	140.0	0 0.0	0	133 0.0	152
Two Apartments ...	1,072 42.3	41.7	975 42.0	40.6	454 59.6	94.9	449 59.6	99.7	55 66.5	129.9	59 62.2	120.7	1,663 122.0	1,558
Three Apartments ...	2,784 42.5	42.1	2,691 42.2	41.2	2,312 59.8	96.7	2,406 60.1	103.4	586 66.9	131.7	461 62.6	122.0	5,910 122.6	5,837
Four Apartments ...	1,949 42.4	42.0	1,805 42.3	41.2	2,723 59.8	96.5	2,665 60.0	102.3	749 67.2	131.9	613 62.9	122.6	5,617 122.6	5,312
Five or more Apartments ...	708 42.9	43.0	769 43.0	42.6	1,275 60.7	99.7	1,318 60.7	104.6	662 67.7	135.3	688 63.6	122.5	2,735 122.5	2,884
TOTAL ...	6,613 42.5	42.1	6,339 42.3	41.2	6,786 60.0	97.1	6,871 60.2	103.0	2,053 67.3	132.9	1,821 63.1	122.4	16,058 122.4	15,743

TABLE 14—Continued

		5-YEAR-OLDS			13-YEAR-OLDS			16-YEAR-OLDS			ALL AGES	
	Boys Height (ins.)	Girls Weight (lbs.)	Boys Height (ins.)	Girls Weight (lbs.)	Boys Height (ins.)	Girls Weight (lbs.)	Boys Height (ins.)	Girls Weight (lbs.)	Boys Height (ins.)	Girls Weight (lbs.)	Boys	Girls
<i>Special Schools—</i>												
One Apartment ...	0.0	0.0	0.0	0.0	1	88.5	0.0	0.0	0.0	0.0	1	0
Two Apartments ...	0.0	0.0	0.0	0.0	11	84.5	57.1	4	83.2	0.0	11	4
Three Apartments ...	0.0	0.0	0.0	0.0	12	93.8	58.3	12	92.3	0.0	13	12
Four Apartments ...	39.7	37.0	40.0	37.0	9	81.4	58.9	11	93.3	0.0	13	12
Five or more Apartments ...	...	0.0	0.0	0.0	2	101.5	58.5	2	90.5	0.0	2	2
TOTAL ...	39.7	37.0	40.0	37.0	35	88.0	58.4	29	91.3	0.0	40	30
<i>Ordinary and Special Schools—</i>												
TOTALS ...	42.5	42.1	42.3	41.2	6,821	97.0	60.1	6,900	102.9	67.3	16,098	15,773
								2,053	132.9	63.1	122.4	

TABLE 15
AVERAGE HEIGHTS AND WEIGHTS BY AUTHORITIES
AND SCOTLAND

LOCAL AUTHORITY	ENTRANTS				LEAVERS			
	Boys		Girls		Boys		Girls	
	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)
Aberdeen Burgh ...	42·82	43·56	42·43	42·46	—	—	—	—
Dundee	42·89	42·11	42·56	41·16	60·64	97·40	60·91	103·65
Edinburgh ...	42·80	42·51	42·56	41·59	60·97	98·92	61·22	104·40
Glasgow	42·51	42·23	42·29	41·30	59·84	96·93	60·05	102·88
Aberdeen County	43·93	44·48	43·66	43·60	—	—	—	—
Angus	43·92	44·72	43·61	44·08	60·54	98·79	60·92	105·29
Argyll	44·61	46·17	44·16	44·94	60·88	98·21	61·28	106·29
Ayr County ...	43·52	43·74	43·19	42·54	60·88	100·05	61·02	105·33
Banff	43·44	43·84	42·89	42·41	60·75	100·16	60·77	105·97
Berwick	42·95	42·52	42·83	41·74	60·70	100·77	61·12	105·13
Bute	43·19	43·51	42·94	42·22	61·21	102·23	60·86	105·30
Caithness ...	43·52	43·64	43·54	43·47	61·78	104·68	61·19	106·49
Claekmannan ...	42·70	41·98	42·41	41·08	60·96	99·02	60·90	104·97
Dumfries County	43·82	43·10	43·62	42·51	60·99	96·98	61·23	103·63
Dunbarton ...	43·38	43·18	43·04	42·16	60·82	98·72	60·69	102·73
East Lothian ...	43·28	43·61	42·79	42·25	60·91	100·59	61·16	107·35
Fife... ..	43·21	42·84	42·77	41·69	61·00	99·27	60·85	104·19
Inverness County	43·61	44·04	43·46	43·09	61·82	104·08	61·34	105·43
Kincardine ...	44·33	44·78	43·98	43·94	61·27	102·77	62·13	109·34
Kirkeudbright ...	43·45	43·67	42·96	41·93	61·60	103·42	61·31	109·29
Lanark	43·77	43·72	43·44	42·76	60·63	95·75	60·91	102·46
Midlothian... ..	43·65	43·49	43·46	42·80	60·66	98·67	60·68	105·06
Moray and Nairn	43·04	42·82	42·71	41·74	60·79	100·94	60·86	105·37
Orkney	43·65	44·45	44·18	44·18	61·78	105·29	61·50	108·64
Peebles	43·87	44·19	44·36	43·76	61·09	100·44	61·27	102·80
Perth and Kinross	43·45	43·46	43·49	43·01	60·57	99·38	61·09	107·54
Renfrew	42·91	42·52	42·58	41·73	60·36	97·53	60·42	102·40
Ross and Cromarty	43·58	43·34	43·18	42·16	61·37	102·10	61·34	107·83
Roxburgh	42·63	41·98	42·53	41·70	61·59	101·80	61·42	104·45
Selkirk	42·76	41·85	42·42	41·35	61·27	102·16	60·96	106·41
Stirling County ...	44·19	45·06	43·80	44·18	60·98	99·68	61·03	106·49
Sutherland ...	43·93	44·30	43·48	43·80	61·24	103·26	61·21	107·81
West Lothian ...	43·02	42·70	42·88	41·92	61·31	100·36	60·07	103·11
Wigtown	43·53	43·99	43·24	43·10	61·04	101·67	61·18	108·28
Zetland	45·75	47·25	45·50	46·82	61·76	111·08	62·37	109·60
Scotland	43·27	43·22	42·97	42·26	60·63	98·45	60·74	104·06

TABLE 16

SYSTEMATIC EXAMINATION OF CHILDREN IN SCHOOLS

OTHER AGE-GROUPS

The medical record card provides for statistical information relating to entrant, thirteen-year-old and sixteen-year-old children. During the year, however, the results of systematic examination of children in age-groups outwith those mentioned were recorded for a selected list of defects. Altogether, 1,492 pupils were examined in the other age-groups. The results were as follows :—

Numbers and Percentages of Children Suffering from Defects

Nature of Defects Found	Boys	Girls	Totals
Uncleanliness of Head (nits)	1	3	4 (0·2)
Skin Conditions of Head or Body	1	2	3 (0·2)
Dental Defects	3	3	6 (0·4)
Naso-pharyngeal Conditions	2	—	2 (0·1)
Eye Diseases (including Strabismus) ...	2	1	3 (0·2)
Defective Vision (for refraction)	2	2	4 (0·2)
Mental and Nervous Conditions	—	1	1 (0·0)
Pulmonary Conditions	1	—	1 (0·0)
Other Diseases or Defects	3	—	3 (0·2)

Total number of children examined—707 boys and 785 girls ; total of **1,492**

TABLE 17

VISUAL ACUITY OF CHILDREN BORN IN 1962

Results of Eyesight (Snellen) Test

		Number and Percentage				
		1972	1971	1970		
		Boys	Girls	Totals	Totals	Totals
Children who wore glasses at examination	With Glasses—					
	Good, 6/6	216 (4.1)	245 (4.9)	461 (4.5)	446 (4.1)	410 (4.4)
	Fair, 6/9	97 (1.8)	106 (2.1)	203 (2.0)	217 (1.9)	238 (2.5)
	Bad, 6/18	17 (0.3)	28 (0.6)	45 (0.4)	53 (0.4)	53 (0.6)
	Without glasses—					
	Good, 6/6	94 (1.8)	133 (2.7)	227 (2.0)	223 (2.0)	172 (1.8)
	Fair, 6/9	121 (2.3)	123 (2.5)	244 (2.4)	284 (2.5)	263 (2.8)
	Bad, 6/18	115 (2.1)	123 (2.5)	238 (2.3)	209 (1.8)	266 (2.8)
Children not wearing glasses at examination	Good, 6/6	4,464 (84.9)	4,142 (82.7)	8,606 (83.8)	9,246 (83.1)	7,746 (82.3)
	Fair, 6/9	345 (6.6)	382 (7.6)	727 (7.1)	816 (7.4)	741 (7.9)
	Bad, 6/18	120 (2.3)	108 (2.2)	228 (2.2)	232 (2.1)	217 (2.3)
		<u>5,259</u>	<u>5,011</u>	<u>10,270</u>	<u>11,010</u>	<u>9,405</u>

Summary of findings (taking the better eye and with spectacles if worn at examination) :—

		Number and Percentage				
		1972	1971	1970		
		Boys	Girls	Totals	Totals	Totals
Good, 6/6		4,680 (88.0)	4,387 (87.5)	9,067 (88.2)	9,692 (88.0)	8,156 (86.7)
Fair, 6/9		442 (8.4)	488 (9.7)	930 (9.0)	1,033 (9.3)	979 (10.4)
Bad, 6/18		137 (2.6)	136 (2.7)	273 (2.7)	285 (2.5)	270 (2.9)
		<u>5,259</u>	<u>5,011</u>	<u>10,270</u>	<u>11,010</u>	<u>9,405</u>

Of those with defective eyesight, 738 (369 boys and 369 girls) were recommended for refraction or retest.

TABLE 18

VISUAL ACUITY OF SEVEN-YEAR-OLD CHILDREN

A survey of seven-year-old children was undertaken during the session by the teams operating the Keystone apparatus. 221 schools were visited and 14,639 children (7,440 boys and 7,199 girls) were tested for visual acuity with the following results :—

RESULTS OF TEST BY KEYSTONE APPARATUS

		Number and Percentage		
		Boys	Girls	Totals
Children who wore glasses at examination	With Glasses—			
	Good, 6/6	152 (2.0)	173 (2.4)	325 (2.2)
	Fair, 6/9, 6/12	73 (0.9)	66 (0.9)	139 (0.9)
	Bad, 6/18	56 (0.7)	45 (0.6)	101 (0.7)
	Without Glasses—			
	Good, 6/6	78 (1.0)	91 (1.3)	169 (1.1)
Children not wearing glasses at examination	Fair, 6/9, 6/12	92 (1.2)	91 (1.3)	183 (1.3)
	Bad, 6/18	111 (1.5)	102 (1.4)	213 (1.6)
	Good, 6/6	6,505 (87.4)	6,216 (86.3)	12,721 (86.9)
	Fair, 6/9, 6/12	298 (4.0)	340 (4.8)	638 (4.4)
	Bad, 6/18	356 (4.8)	359 (5.0)	715 (4.9)
		<u>7,440</u>	<u>7,199</u>	<u>14,639</u>

Summary of findings (taking the better eye and with spectacles if worn at examination) :—

Good, 6/6	6,657 (89.5)	6,389 (88.7)	13,046 (89.1)
Fair, 6/9, 6/12	371 (5.0)	406 (5.6)	777 (5.3)
Bad, 6/18	412 (5.5)	404 (5.6)	816 (5.6)
	<u>7,440</u>	<u>7,199</u>	<u>14,639</u>

Of those with defective eyesight, 1,282 (623 boys and 659 girls) were recommended for refraction or retest.

TABLE 19

OTHER EXAMINATIONS

(i) IN SCHOOLS—					
Systematic Inspection of Nursery School Children					3,775
Other Examinations in Nursery Schools (including					
“at risk” cases)					1,656
Examinations for School Milk (7-12 year-old) ...					28,868
1962 age-group (Visual Acuity only) (by doctor/					
health visitor team)... ..					10,270
Special Cases (in respect of particular defects) ...					24,722
Re-inspection by Medical Officers					8,354
Leaving interviews					4,845
Examinations regarding Mental Defect					1,848
Discharges in Special Schools and Classes					2
Audiometric Surveys (by audiometricians) ...					18,342
Keystone Vision Screening by nurses (Survey of					
7-year-olds)					14,639
Totals... ..					117,321
(ii) MAINLY AT CLINICS—					
Applicants for Licences under the Corporation					
Bye-laws for Employment of Children					282
Adult Employees of the Corporation					762
Children as to fitness for School Journeys abroad,					
Educational Excursions, Camps, Etc.					13,939
Children as to fitness for admission to Residential					
Schools					8,520
Pre-vocational Students					1,259
Examinations in Assessment Centres					1,759
Totals					26,521
(iii) CLEANLINESS AND SPECIAL EXAMINATIONS—					
Cleanliness Inspections (by school nurses) ...					265,558

TABLE 20

SUMMARY OF INSPECTION AND TREATMENT STATISTICS

(of which details are given throughout Report)

A. INSPECTION

Type	Cases
Systematic Examinations	31,897
Other Examinations in Schools	117,321
Other Examinations mainly in Clinics	26,521
Cleanliness Examinations	265,558
Dental Inspections	46,574
Totals	487,871

TABLE 20—Continued

B. TREATMENT

Disease or Defect					Cases	Attendances
(a) MINOR AILMENTS						
<i>Ear—</i>						
Examined only	...	...	...	551	}	8,287
Clinic Treatment	...	...	...	1,700		
Aurists' Examination	...	...	...	914		
Aurists' Classifications	...	...	...	407		
Audiometric Survey	...	...	...	1,372		
Audiometric Ear Cases	...	...	...	95		95
					5,039	11,075
<i>Eye</i>					1,649	4,931
<i>Skin—</i>						
Cuts, minor injuries, etc.	...	...	...	5,715	}	97,233
Clinic Treatment	...	...	...	12,511		
Cleansing Clinics	...	...	...	2,242		
Specialist's Cases	...	...	...	23		
						Included under "clinic treatment" above.
Scabies Baths				728		2,623
					21,219	106,904
(b) DEFECTIVE VISION—						
Clinic Treatment	...	...	...	7,190		7,638
Spectacles supplied	...	...	...	3,423		4,292
					10,613	11,930
(c) EAR, NOSE AND THROAT—						
Tonsils and Adenoids and other E.N.T.						
Operations	...	...	...	309		299
					309	299
(d) ORTHOPAEDIC—						
Examined only	...	...	...	1,479		1,479
Treated by Exercises	...	...	...	1,467		15,544
Treated in Spastic Unit	...	...	...	52		9,040
					2,998	26,063
(e) OTHER DISEASES—						
General	...	...	...	9,207		14,982
Supply of Medicines	...	...	...	3,462		7,511
Artificial Light...	...	...	...	285		5,208
Cardiac Cases	...	...	...	166		333
Neurological Cases	...	...	...	125		125
					13,245	28,159

TABLE 20—*Continued*

B. TREATMENT—Continued—

Disease or Defect					Cases	Attendances
(f) DENTAL						
Ordinary (including Emergency Cases)					27,805	85,121
Orthodontic	...	...	...	...	489	8,349
					<u>28,294</u>	<u>93,470</u>
(g) ASSESSMENT CENTRE					114	114
(h) DEFECTIVE SPEECH					1,434	12,793
(i) OCCUPATIONAL THERAPY					52	7,308
Totals ...					<u>84,966</u>	<u>303,046</u>

TABLE 21

DENTAL INSPECTION AND TREATMENT

(1) GENERAL STATISTICS :

			Number of Children seen at Routine Dental Inspection			Emergency Cases	
			Number Inspected	With Dental Defects	Accepting Treat- ment	Total Number Treated	Number Treated
5	...	...	5,901	4,341	2,110	1,818	825
6	...	...	5,752	4,422	2,175	2,102	693
7	...	...	6,324	4,880	2,382	2,474	842
8	...	...	6,093	4,628	2,230	2,554	912
9	...	...	6,501	4,852	2,257	2,629	922
10	...	...	6,306	4,445	1,944	2,424	879
11	...	...	5,987	4,077	1,619	2,327	699
12	...	...	2,480	1,706	799	1,537	557
13	...	...	490	438	422	1,068	527
14	...	...	423	371	361	791	463
15	...	...	215	183	181	360	187
16	...	...	63	49	50	110	26
17 and over	...	...	39	32	32	62	17
Totals	...	...	<u>46,574</u>	<u>34,424</u>	<u>16,562</u>	<u>20,256</u>	<u>7,549</u>

Number of attendances for treatment : 5-17 years, **85,121**

TABLE 21—*Continued*(2) DETAILS OF TREATMENT (*School Children*)

Fillings—permanent teeth	...	...	37,993
deciduous teeth	...	...	12,300
Extractions (incl. orthodontic)—			
permanent teeth	...	...	6,893
deciduous teeth	...	...	21,497
Administrations of general anaesthetic			3,559
Other operations—permanent teeth	...		26,295
deciduous teeth	...		6,132
Dentures—partial	...	...	247
full	...	...	8
Repairs to dentures	...	...	86
Radiographs—number of exposures			
(incl. orthodontic)	...	...	2,926

(3) ORTHODONTIC TREATMENT :

Cases continued from previous year, 630 ; new cases, 489 ; completed cases, 383 ; discontinued cases, 100 ; cases continuing at end of year, 632 ; attendances for treatment, 8,349.

Diagnostic examinations, 644 ; number of removable appliances fitted, 918 ; repairs to appliances, 76.

(4) ADDITIONAL INFORMATION :

Fillings of permanent teeth included 36 crowns, 82 gold inlays, 86 root treatments ; 72 pulp therapies were also carried out.

Statistics do not include Maternity and Child Welfare Work.

APPENDICES

INSPECTION OF SPECIAL CASES

("NON-ROUTINE" AND "AT RISK")

Defects found in children presented for medical inspection as "Non-Routines"—29,569 children were presented for "non-routine" inspection (generally on account of defect observed or suspected by teachers); 28,195 of these were pupils in ordinary schools and 1,374 in special schools.

Some of these children were found on examination to have more than one defect. The individual results were: nits minor, 2,086; nits major and/or vermin, 587; skin condition, 2,432; eye conditions (including defective vision, 4,256; ear, nose and throat defects, 2,093; "general" defects, 4,612; defective teeth, 2,631; no apparent disease, 2,949; and other causes, 7,923.

Re-inspection of "Cases at Risk"—The total number of re-inspections was 8,354. Of these, 5,093 (2,865 boys and 2,228 girls) in ordinary schools were found to have defects and 87 (48 boys and 39 girls) in special schools were also found to be suffering from ailments.

(Details of "non-routine" and "at risk" cases examined in Nursery Schools were given on page 166.)

OTHER SPECIAL INSPECTIONS

The following table includes children seen during the Routine Medical Inspection period at schools :—

HOLIDAY CAMPS, EDUCATIONAL EXCURSIONS AND HOLIDAYS AT HOME
AND ABROAD (SPRING AND SUMMER, 1972).

		Boys		Girls	
		Final or Only	Inspection	Final or Only	Inspection
		Number	Per Cent.	Number	Per Cent.
Fit	...	5,765	82·7	5,613	80·5
*Fit?...	...	1,065	15·3	1,218	17·5
Unfit	...	137	2·0	141	2·0
Totals	...	6,967		6,972	

*Doubtful Fitness

CLEANLINESS INSPECTION IN SCHOOLS BY NURSES

The results of inspection by Cleanliness Inspectresses are as follows :—

	Boys		Girls	
<i>First Inspections—</i>				
Examined ...	84,495		80,470	
Infested ...	7,134	(8·4%)	12,580	(15·6%)
<i>Re-Inspections—</i>				
Examined ...	44,456		56,137	
Infested ...	12,811	(28·8%)	23,025	(41·0%)

In 353 instances, formal notices to cleanse children within 24 hours were issued, mainly by Cleanliness Inspectresses and Senior Woman Assistants.

On re-inspection, 42 were found to have been cleansed at home by the parents and 124 to have been compulsorily disinfected at school or clinic.

Under Section 61 of the Education (Scotland) Act, 1962, 6 parents were convicted during the course of the year, the fines imposed being as follows :

3 of £2; 3 of £1; 1 case was admonished.

CLEANLINESS SUPERVISION BY SENIOR WOMAN ASSISTANTS (ASSISTED BY WELFARE ATTENDANTS) AT SELECTED SCHOOLS

The following table gives the percentages of children in the 32 selected schools found to be “clean and well-cared for in every respect” at two general inspections during the Session :—

	First Inspection		Second Inspection	
	Boys	Girls	Boys	Girls
Six original schools (January, 1941)	84·8	74·4	80·9	72·1
All thirty-two selected schools ...	80·5	54·8	80·6	71·6

In the *six original schools*, percentages were reduced for boys and girls at both inspections, compared with last year.

For all *selected schools* percentages were reduced for boys and girls at first inspection and improved at second inspection.

The total numbers seen were :—

At first inspection ...	16,474 (8,772 boys and 7702 girls).
At second inspection ...	15,273 (7,787 boys and 7486 girls).

NURSERY SCHOOLS

At the end of June, 1972, the Education Department was responsible for the administration of 58 Nursery Schools and Classes within the City, having places for 4,704 children.

During the year, children in the nursery schools, to the number of 3,758 (1,879 boys and 1,879 girls), were subjected to "routine inspection". The results of these examinations are detailed below.

ROUTINE INSPECTION :

Numbers and Percentages of Children suffering from Defects

Nature of Defects Found	Boys	Girls	Total
Uncleanliness of Head (nits)	7	29	36 (0.9)
Skin Conditions of Head or Body	80	64	144 (3.8)
Defective Nutrition	17	19	36 (0.9)
Dental Defects	195	152	347 (9.2)
Naso-pharyngeal Conditions	198	177	375 (9.9)
Eye Diseases (including strabismus)	62	67	129 (3.4)
Defective Vision (for refraction)	21	15	36 (0.9)
Ear Disease (including defective hearing)	59	38	97 (2.6)
Defective Speech	62	67	129 (3.4)
Mental and Nervous Conditions	29	14	43 (1.1)
Defects of Circulatory System	21	22	43 (1.1)
Pulmonary Conditions	15	10	25 (0.7)
Deformities	45	26	71 (1.9)
Other Diseases or Defects	132	92	224 (5.9)

INSPECTION OF NON-ROUTINE CASES :

Children, to the number of 1,434, were presented for inspection on account of defects observed or suspected by teachers. The individual results were as follows :—

Head infestation, 12 ; skin conditions, 165 ; eye conditions, 293 ; ear, nose and throat defects, 206 ; "general" defects, 167 ; defective teeth, 109 ; no apparant disease, 212 ; and other causes, 270.

RE-INSPECTION OF "AT RISK" CASES :

Two hundred and twenty-two pupils were re-inspected during the Session.

PREVENTION OF TUBERCULOSIS

TEACHERS' SICK PAY REGULATIONS

During the year ended 31st July, 1972, teachers, to the number of 1,860 (976 males and 884 females), were X-rayed.

The numbers recalled for large film (including report from Chest Physicians) were 12 men and 14 women, the diagnoses being as shown :—

	Males	Females
Active Pulmonary Tuberculosis	—	—
Inactive Pulmonary Tuberculosis (including calcified or fibrotic conditions)	4	3
Inactive Pulmonary Tuberculosis (pleural thickening)	—	1
Bone Defects	—	2
No apparent defect	8	8
Total	<u>12</u>	<u>14</u>

During the same year, 112 nursery assistants and 13 occupational centre assistants were X-rayed.

B.C.G. VACCINATION CAMPAIGN, 1971 :

Total Schools visited ...	100
Total forms issued ...	15,590
Parental consents granted	15,292
Total absent	758
Total number tested ...	14,534

	Boys	Girls	Total
MANTOUX RESULTS—			
Positive ...	1,323	1,306	2,629
Negative ...	5,912	5,993	11,905
VACCINATIONS ...	5,906	5,992	11,898

MASS RADIOGRAPHY

Details of children X-rayed by the Mass Radiography Service of Elmbank Street are given in the following tables.

Dr. T. J. R. Miller, Medical Director of the Mass Radiography Service, reports as follows :—

2,037 mantoux positive pupils were X-rayed for the first time and 2,380 with a positive mantoux reaction the previous year had a repeat X-ray. The abnormalities detected in the primary and re-examination groups are recorded in Tables A and B respectively.

Of 1,022 boys and 1,015 girls with a moderately positive reaction to the mantoux test, 1 girl, an incidence of 0.99 per 1,000 in girls and of 0.49 per 1,000 in the total number examined, was found to have active pulmonary tuberculosis.

Of 1,253 boys and 1,127 girls, mantoux positive a year earlier, 1 boy and 1 girl, an incidence of 0.84 per 1,000 in the total number examined, had active lesions. One of the girls in this group had inactive pulmonary tuberculosis.

No significant abnormalities were recorded in 235 boys and 220 girls X-rayed, but absent from the mantoux test.

TABLE A
MANTOUX REACTORS X-RAYED FOR THE FIRST TIME
ABNORMALITIES FOUND AND ACTION TAKEN BY MASS RADIOGRAPHY SERVICE
YEAR ENDING 31st JULY, 1972

	No action after investigation		Referred to own doctor		Out-patient treatment		Observation		Sent to hospital		Total Number Examined (and rate per thousand)		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Totals
PULMONARY TUBERCULOSIS—													
	Active ...	—	—	—	—	—	—	—	1	—	—	1 (0.99)	1 (0.49)
	Healed primary	1	—	—	—	—	—	1	—	—	1 (0.98)	1 (0.99)	2 (0.98)
	Inactive	—	—	—	—	—	—	—	—	—	—	—	—
	Known cases	1	—	1	—	—	—	—	—	2 (1.96)	—	—	2 (0.98)
TOTAL	2	—	1	—	—	—	—	1	—	—	3 (2.94)	2 (1.97)	5 (2.45)

Numbers examined : 1,022 boys, 1,015 girls ; 2,037 total.

TABLE B
MANTOUX REACTORS X-RAYED A YEAR PREVIOUSLY
ABNORMALITIES FOUND AND ACTION TAKEN BY MASS RADIOGRAPHY SERVICE
YEAR ENDING 31st JULY, 1972

	No action after in-vestigation		Referred to own doctor		Out-patient treatment		Obser-vation		Sent to hospital		Total Number Examined (and rate per thousand)		
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Totals
Active ...	—	—	—	—	—	—	—	—	—	1	—	1 (0.89)	1 (0.42)
? Active ...	—	—	1	—	—	—	—	—	—	—	1 (0.80)	—	1 (0.42)
Healed primary ...	1	1	—	—	1	—	1	—	—	—	3 (2.40)	1 (0.89)	4 (1.68)
Inactive ...	—	—	—	—	—	—	—	—	—	—	—	1 (0.89)	1 (0.42)
Known cases ...	—	—	—	1	—	—	—	—	—	—	—	1 (0.89)	1 (0.42)
TOTAL ...	1	1	1	1	1	—	1	—	—	1	4 (3.19)	4 (3.55)	8 (3.36)

Numbers examined : 1,253 boys, 1,127 girls ; 2,380 total.

In addition, 235 boys and 220 girls, a total of 455 pupils, absent from the Mantoux Test, were X-rayed.
No significant abnormalities were found in this group.

RADIOGRAPHY SURVEY OF FURTHER EDUCATION COLLEGES :

During December, 1971 and February/March, 1972, the Mass Radiography Service examined students in four colleges of further education. Altogether, 3,317 (2,854 males and 463 females) were X-rayed, 23 (14 males and 9 females) of these being recalled for large film.

As usual, all those abnormalities of any significance were informed of the result and a report, together with an indication of the action considered advisable, was sent to their own doctor. Those requiring further assessment would be given an opportunity of attending the chest clinic for the area in which they were resident.

The following table summarises the results :—

			Male	Female	Total
Number examined	...	...	2,854	463	3,317
Recalled for large film	...	...	14	9	23
<i>Pulmonary Tuberculosis—</i>					
Active	...	...	—	—	—
Inactive	...	...	—	2	2
Known	...	...	1	—	1
			1	2	3
<i>Other Abnormalities—</i>					
Bronchial Carcinoma	...	...	1	—	1
Pneumonic Condition	...	...	1	—	1
			2	—	2

104 (43 males and 61 females) members of staff of the colleges were also X-rayed. There were no abnormalities found.

RUBELLA VACCINATION CAMPAIGN

This campaign for 13 year-old girls, which was initiated last year, was again carried out in schools. The following summarises the results:—

Total schools visited	...	...	...	...	92
Total forms issued	...	...	...	...	7,326
Parental consents granted	...	...	...	...	7,236
Total absent	...	...	...	...	587
Not vaccinated for various reasons (including recent vaccination against other infections)	...	...	...	...	59
Total vaccinations	...	...	...	...	6,590

MEDICAL SUPERVISION OF RESIDENTIAL ASSESSMENT CENTRES

During the year ended 31st July, 1972, 1,813 boys were admitted to Larchgrove Centre and 243 girls to Beechwood Centre ; Medical examinations were 1,519 boys and 240 girls and those found to be suffering from various ailments were, on the advice of the visiting School Medical Officer, disposed of as follows :—

54 boys were treated in the Centre, 3 at clinic ; and 3 were removed to hospital.

41 girls were treated in the Centre, 5 at clinic ; 3 were X-rayed and 5 were removed to hospital.

IMMUNISATION CAMPAIGNS IN SCHOOLS

(i) DIPHTHERIA AND TETANUS :

Injections given by School Medical Officers—

First	Second	Reinforcing	Total Doses
5,272	4,924	23,659	33,855

(ii) POLIOMYELITIS :

Oral doses administered by School Nurses to children at primary schools—

First	Second	Third	Reinforcing	Total Doses
4,310	3,199	1,829	16,738	26,076

AUDIOMETRIC SURVEYS

A summary of the work done throughout the year is as follows :—

SURVEY NO. XXIII (CHILDREN BORN IN 1966)

	Routine	Non-routine	Total
No. of schools visited	—	—	226
No. of "sweep" tested in schools	16,906	1,436	18,342
No. failed in "sweep" test	1,358	126	1,484
No. examined by School Medical Officer... ..	Routine and Non-routine		999
No. recommended for threshold test by School Medical Officer	Routine and Non-routine		879
No. threshold tested	398	12	410
No. awaiting threshold test	168	7	175
No. awaiting treatment before having threshold test	Routine and Non-routine		15
No. did not attend for threshold test	Routine and Non-routine		279
No. attended for retest	3	—	3
No. awaiting retest	70	2	72
No. awaiting result of threshold test	Routine and Non-routine		1
No. graded	Routine and Non-routine		246
No. awaiting grading	442	26	468

The results of the 246 children graded were :—

	Routine	Non-routine	Total
Referred to Consultant ...	9	—	9
Graded—A ...	—	—	—
Graded—Normal ...	237	—	237
	<u>246</u>	<u>—</u>	<u>246</u>

Most of the remainder were at the end of the year awaiting testing, retesting, clinic treatment or grading.

The Consultant Aurist classified 100 cases from the various surveys as follows :—

	Boys	Girls	Total
Normal ...	49	36	85
Grade A ...	8	7	15
Grade B ...	—	—	—

Brought forward from Session 1971, were children from previous surveys, some of whom were dealt with as follows :—

	Routine	Non-routine	Total
Referred to Consultant ...	14	—	14
Graded—A ...	—	—	—
Graded Normal ...	467	6	473

MEDICAL EXAMINATIONS :

				First Examination		Re-Examination		Total
				Boys	Girls	Boys	Girls	
Summonses	...	...	...	837	967	306	337	2,447
Attendances	...	...	...	481	535	167	191	1,373
Examinations	...	...	...	481	535	167	190	1,372
RECOMMENDATIONS—								
Audiogram	...	...	...	433	470	109	127	1,139
Clinic treatment and audiogram	...	...	...	35	54	12	10	111
Speech therapy	...	...	...	5	5	—	1	11
Front seat in class	...	...	...	12	5	22	18	57
Lip-reading	...	...	...	1	—	3	2	6
Tonsil/adenoid operation	...	...	...	2	1	8	11	22
Hearing aids	...	...	...	1	—	2	2	5
Referred to Consultant	...	...	...	1	2	12	19	34
Hospital treatment	...	...	...	—	—	5	6	11
Other recommendations	...	...	...	1	—	3	1	5

RISK GROUP

Twenty-three (13 boys and 10 girls) were summoned for examination and 13 (8 boys and 5 girls) attended. Seven children were recommended for audiogram test, 2 for tonsils and adenoids operation, 1 referred to Otologist and 3 were discharged.

TWINS' REGISTER :

Five (1 boy and 4 girls) were summoned and 3 girls attended. Recommendations comprised, 2 for audiogram and 1 was discharged.

SPEECH AUDIOGRAMS :

During the Session, 2 boys and 6 girls attended Florence Street Audiometric Clinic for Speech Audiogram.

DISPOSAL

During the course of the Session, the records of 117 children were passed to Special Schools Section for disposal. Of these, 97 were graded, 10 had failed to attend, 1 desired private treatment and 4 had removed from Glasgow

SPEECH THERAPY
 CASES OF SPEECH DEFECT (PUPILS IN ORDINARY SCHOOLS AND PRE-SCHOOL CHILDREN)
 TREATED DURING YEAR ENDED 31st JULY, 1972

Speech Defect	Advice only	DISCHARGED																Current Cases		
		Number Treated		Number of Treatments		Suspended		Satisfactory		Improved		Unsatisfactory		Failed to co-operate		Transferred				
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Stutter	177	180	38	1,297	437	22	9	26	14	12	1	—	—	10	2	4	2	116	16
Disorders of Articulation		682	506	245	3,974	1,778	84	29	101	47	33	11	1	1	28	14	35	20	297	201
Retarded Language Development		252	228	95	2,341	1,131	50	19	41	18	7	1	—	—	12	5	15	5	132	65
Cleft Palate	...	8	4	9	59	92	4	2	—	2	—	2	—	—	—	—	1	—	5	1
Dysphonia	...	31	25	11	263	100	5	—	6	2	4	—	—	—	5	1	1	1	14	7
Dysphasia	...	1	8	1	71	34	1	—	1	—	1	—	—	—	—	—	1	—	5	1
Dysarthria	...	—	10	2	101	32	1	—	2	—	2	—	—	—	1	—	3	—	1	2
Dyseneia	...	3	4	1	66	37	1	—	—	1	—	—	—	—	1	—	—	—	1	1
Dyspraxia	...	—	2	—	27	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
Dysrhythmia	...	—	—	1	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—	1
TOTALS		1,154	967	403	8,199	3,650	168	59	177	84	59	15	1	1	57	22	61	28	572	295

Home Visits 2; School Visits 45.

SPEECH THERAPY (*Continued*)

Stutter ...	...	—	2	3	47	27	—	—	—	—	—	—	—	—	—	—	—	2	3
Disorders of Articulation ...	13	16	7	192	131	—	—	—	—	—	—	—	—	—	—	2	—	14	6
Retarded Language Development	2	15	13	291	156	—	—	—	—	—	1	—	—	—	—	—	—	14	12
Cleft Palate	...	—	—	2	—	20	—	—	—	—	—	—	—	—	—	—	—	—	2
Dysphonia	...	2	—	3	—	36	—	—	—	—	—	—	—	—	—	—	1	—	2
Dysphasia	...	—	1	—	11	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Dysarthria	...	—	1	—	3	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Dysrhythmia	...	—	—	1	—	30	—	—	—	—	—	—	—	—	—	—	—	—	1
TOTALS	17	35	29	544	400	—	1	—	—	—	2	—	—	—	—	2	1	31	26

SPECIAL DIETS

During the session, 76 children (33 boys and 43 girls) were recommended to have special diets provided in place of the normal school meals.

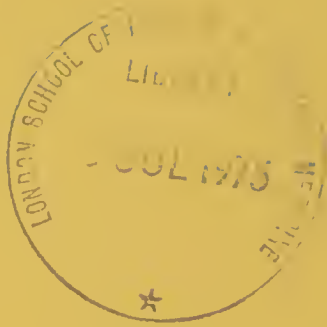
The conditions were as undernoted :

	Boys	Girls
Coeliac Disease ...	12	14
Diabetes ...	6	4
Obesity ...	5	18
Phenylketonuria ...	3	6
Allergy ...	1	—
Duodenal Ulcer ...	1	1
Non-Roughage ...	1	—
Fat Free ...	4	—
	<u>33</u>	<u>43</u>

MORTALITY OF SCHOOL CHILDREN

Deaths During Year Ended 31st July, 1972, of Children Aged 5-15 Years.

Cause of Death	5-10 Years		11-15 Years		All ages		Total
	Boys	Girls	Boys	Girls	Boys	Girls	
Road traffic accidents ...	8	5	4	—	12	5	17
Other violent causes ...	13	1	5	2	18	3	21
Septicaemia ...	—	1	—	—	—	1	1
Leukaemia ...	2	—	1	—	3	—	3
Malignant neoplasms ...	1	—	2	—	3	—	3
Hodgkins' disease ...	—	—	1	—	1	—	1
Cardiac failure ...	—	—	1	—	1	—	1
Cerebral infraction ...	1	—	—	—	1	—	1
Pneumonia ...	4	1	1	—	5	1	6
Transposition of great vessels ...	—	—	1	—	1	—	1
Asthma ...	—	—	1	—	1	—	1
Hydrocephalus ...	1	3	—	1	1	4	5
Cystic fibrosis ...	1	1	—	—	1	1	2
Dystrophia myotonica ...	—	—	1	—	1	—	1
Pulmonary embolism (Bani's Syndrome) ...	—	—	—	1	—	1	1
Pulmonary oedema (Under Anaesthetic) ...	—	—	—	1	—	1	1
Status epilepticus ...	1	—	—	—	1	—	1
Chronic renal failure ...	—	—	—	1	—	1	1
TOTALS ...	32	12	18	6	50	18	68



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